

October 14, 2021

Ms. Amber Sharpe
DAVID J. POWERS AND ASSOCIATES
1871 The Alameda, Suite 200
San Jose, California 95126

Re: Vicinity Hazardous Materials Users Survey
Muslim Community Association School Expansion Project
3003 Scott Blvd. and 3100 Alfred St., Santa Clara, CA
Santa Clara, California

Dear Ms. Sharpe:

Running Moose Environmental Consulting LLC (Running Moose) has performed a Vicinity Hazardous Materials Users Survey for the proposed Muslim Community Association (MCA) School Expansion Project at 3003 Scott Boulevard and 3100 Alfred Street in Santa Clara, California. Per the scope of services outlined in the September 2, 2021 Agreement for Professional Services Amendment #1, the survey included a visual reconnaissance of the site vicinity to identify addresses of facilities potentially using significant quantities of hazardous materials within a 1/2 - mile radius of the project site, and requesting hazardous materials inventories and California Accidental Release Program (CalARP) release modeling data for the identified addresses from the Santa Clara Fire Department (SCFD).

Through review of inventories and RMP data provided by the SCFD for current occupants of the identified addresses, Running Moose recognized one CalARP facility and 40 non-CalARP facilities reporting significant quantities of hazardous materials and/or wastes. The provided documentation is appended to this letter.

The recognized CalARP facility is the following.

- 850 Duane Avenue – Donald Von Raesfeld Power Plant – Silicon Valley Power

Running Moose Environmental Consulting, LLC
1355 Poe Lane, San Jose, CA 95130
Phone: 408-307-0129



Based on review of portions of the Donald Von Raesfeld Power Plant (DVR) *Risk Management Plan, Ammonia System*, dated June 1, 2016, provided by the SCFD for this survey, as well as additional portions of the 2016 RMP provided by the SCFD for the previous 2017 survey, aqueous ammonia is utilized as the selective catalytic reduction reagent at the DVR generating plant. 9,000 gallons of 19% aqueous ammonia are stored in a stationary vertical steel storage tank with a 10,000-gallon capacity, located within a containment vault. A tanker truck reportedly makes a 6,000-gallon delivery of aqueous ammonia to DVR every 10 to 14 days. The DVR plant is classified as a CalARP Program Level 1 source.

Section 2.0 of the DVR RMP, "Certification", stated that the distance to the specified endpoint for a worst-case accidental release scenario for the aqueous ammonia process is less than the distance to the nearest public receptor. Section 6.0 of the DVR RMP, "Off-Site Consequence Analysis", summarized release modeling output indicating ammonia concentrations would fall to insignificant levels before reaching the DVR fence line in the worst-case release scenario, and therefore the distance to the toxic endpoint would not affect any public receptors. Based on information included in the RMP, the proposed MCA expansion site is not located within the modeled radii of impact for a worst-case ammonia release from the DVR facility.

Running Moose notes that Section 3.4 of the 2016 RMP, "RMP Updates and Recordkeeping", states that the RMP will be updated within 5 years of its most recent update. The June 1, 2016 date of the SCFD-provided RMP has therefore passed the 5-year period and an update should be prepared. The update should consider the proposed location of the MCA School Expansion project in analysis of public receptors.

The recognized non-CalARP facilities are the following.

- 3105 Alfred Street – Digital Realty
- 1503 Arbuckle Court – Verizon Wireless
- 3400 Bassett Street – Reaction Technology
- 3530 Bassett Street – LSA-Cleanpart
- 3580 Bassett Street - Intevac
- 960 Central Expressway – Owens Corning Bldgs. 1 & 3
- 870 Comstock Street – Metal Finishing Solutions
- 975 Comstock Street – BiCmos Foundry

- 870 Duane Avenue – Century Link
- 1201 Comstock Street – Digital Realty
- 1525 Comstock Street – Digital Realty
- 1725 Comstock Street – Digital Realty
- 1350 Duane Avenue – Equinix
- 3021 Kenneth Street – Harbor Electronics
- 3070 Kenneth Street – ConfometRx
- 2960 Lafayette Street – Silicon Valley Power
- 2965 Lafayette Street – Donald Von Raesfeld Power Plant-Gas Comp.
- 2970 Lafayette Street – Silicon Valley Power
- 1375 Norman Avenue – Air Products & Chemicals
- 1515 Norman Avenue – Air Products & Chemicals
- 3075 Raymond Street – Integra Telecom
- 2721 San Tomas Expressway – NVIDIA Corp.
- 2731 San Tomas Expressway – Santa Clara City CUPA
- 2880 San Tomas Expressway – NVIDIA Corp.
- 2806 Scott Boulevard – NVIDIA Corp.
- 2841 Scott Boulevard – Genia Technologies
- 2861 Scott Boulevard – Roche Molecular Systems
- 2880 Scott Boulevard – NVIDIA Corp.
- 2890 Scott Boulevard – NVIDIA Corp.
- 3101 Scott Boulevard – Applied Materials Bldg. 92
- 1100 Space Park Drive – Digital Realty
- 1205 Space Park Drive – Silicon Valley Power
- 1234 Space Park Drive – Silicon Valley Power
- 1255 Space Park Drive – Silicon Valley Power
- 1500 Space Park Drive – Cyxtera Communications
- 1700 Space Park Drive – AT&T California
- 2400 Thomas Road – Auto Chlor System
- 3355 Thomas Road – Specialty Solid Waste & Recycling
- 3370 Thomas Road – Silicon Valley Animal Control
- 2001 Walsh Avenue – NVIDIA Corp.

This letter was prepared for the sole use of David J. Powers and Associates. No warranty, expressed or implied, has been made, except that the services have been performed in accordance with environmental principles generally accepted at this time and location.

Sincerely,

Running Moose Environmental Consulting, LLC



Belinda P. Blackie, P.E.
P.E. Number C56448
Principal Environmental Engineer

Attachments: SCFD-Provided Documentation

**Donald Von Raesfeld
Power Plant**

850 Duane Ave.

CalARP Regulated

Approximately 0.40 mile from site

6/1/16 RMP

RISK MANAGEMENT PLAN AMMONIA SYSTEM

for the

Donald Von Raesfeld Power Plant

Santa Clara, California

FIR 16-838
RECEIVED

Prepared by:

JUN 30 2016

S.C.F.D.



Silicon Valley Power
City of Santa Clara

June 1, 2016

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1.0 EXECUTIVE SUMMARY [§ 2745.3]

1.1 INTRODUCTION

This document represents the Risk Management Plan (RMP) for the Donald Von Raesfeld Power Plant (DVR). DVR is a 122-megawatt (MW) nominal net output, natural gas-fired, combined-cycle electrical generating facility, with the ability to peak-fire to 147 MW, connected to a 115-kilovolt switchyard located on 2.86 acres in Santa Clara, California. This document has been prepared in order to address the following issue:

- The State of California requirements for identification of risk associated with certain chemicals used in a process that are identified as regulated chemicals. Aqueous ammonia is one of those chemicals regulated by California and falls under the risk management plan for California which is the Cal-ARP regulation. The RMP addresses the requirements of the California Accidental Release Program (CalARP) as adopted by the State of California as outlined in California Code of Regulations (CCR), Title 19. These requirements build upon the provisions of the "general duty clause" of the Clean Air Act Amendments of 1990, and the federal RMP program requirements in 40 Code of Federal Regulations (CFR) 68, which require the following activities of all facilities which produce, process, store, or handle listed substances:
 - Identify hazards
 - Design and maintain a safe facility
 - Prevent releases
 - Minimize consequences of releases.

The required approach for compliance and to accomplish the bulleted points above is to have a documented risk management plan, which outlines all the steps and procedures a facility will take to prevent and mitigate accidental releases.

1.2 ACCIDENTAL RELEASE PREVENTION AND EMERGENCY RESPONSE POLICIES

Silicon Valley Power's mission statement and goals are stated in their Strategic Plan.

"Our mission is to be a progressive, service-oriented utility, offering reliable, competitively priced services for the benefit of Santa Clara and its customers."

One of the top goals of Silicon Valley Power is to operate in a safe, reliable, efficient, and environmentally responsible manner while providing clean energy throughout the Santa Clara community.

1.3 GENERAL FACILITY AND REGULATED SUBSTANCES INFORMATION

This RMP applies to the DVR facility located at: 850 Duane Avenue, Santa Clara, CA 95054.

DVR is a 122 MW nominal, natural gas-fired, combined-cycle generating plant with two General Electric LM-6000PC Sprint combustion turbine-generators (CTG); a single condensing steam turbine generator (STG); a de-aerating surface condenser; a mechanical draft plume-abated cooling tower; and associated support equipment.

Each CTG can generate a maximum 50 MW. The CTG exhaust gases are used to generate steam in the heat recovery steam generators (HRSG). The HRSGs employ a two steam-pressure design with duct firing equipment. Steam from the HRSGs is admitted to a condensing STG. A maximum of 47 MW can be produced by the steam turbine. The electrical output of this facility with full duct firing (peaking operation) is 147 MW. DVR is expected to have an overall annual availability of approximately 94 to 96 percent.

Associated equipment includes emission control systems necessary to meet the proposed emission limits. NO_x emissions are controlled to a maximum of 2.0 parts per million by volume, dry basis (ppm_{vd}), corrected to 15 percent oxygen, by a combination of water-injected combustors in the CTGs and selective catalytic reduction (SCR) systems in the HRSGs. Carbon monoxide is controlled to a maximum of 4 ppm_{vd} at 15 percent oxygen under all operating conditions by means of a CO catalyst.

Aqueous ammonia (19 percent by weight) is used as the SCR reagent. A maximum of 9,000 gallons are stored in the 10,000-gallon capacity aqueous ammonia storage tank. On average, NH₃ is delivered every 10 – 14 days. Company practice is to fill the ammonia tank to 92% capacity (8300 gallons). The ammonia tank is equipped with a level alarm set at 92%, the 100% capacity is 9,000 gallons, the tank is 10,000 gallons.

Substance Used/Stored: Aqueous Ammonia 19% Solution (CAS #7664-41-7)

Facility SIC: 4911

NAICS Code: 221112

Aqueous ammonia is stored in a vertical tank mounted in a containment basin. The basin passively drains into a secondary containment vault sized for complete containment plus an allowance for storm water.

1.4 ACCIDENT PREVENTION PROGRAM POLICIES AND ELEMENTS

A prevention program is not required for Program 1 processes, but is highly recommended by administering agencies. However, accident prevention at DVR is implemented through an established set of policies and programs including, but not limited to, the following:

- Inspection and maintenance program for all system equipment
- Contractor Safety Program
- Emergency Response Plan
- Lockout/Tagout Procedures and Program
- Hot Work Program
- Confined Space Entry Program
- Employee Safety Training Program
- Compilation of substance information (SDS)
- Periodic compliance audits

DVR will also prepare and implement plans and procedures which promote safety and prevent accidents including, but not limited to, the following:

- Hazardous Materials Business Plan
- Injury and Illness Prevention Plan
- Spill Containment Control and Countermeasure Plan
- Hazardous Waste Storage and Handling Procedures
- Hazard Communication Program
- Fire Protection and Prevention Plan
- Hearing Conservation Program
- Respiratory Protection Program
- Electrical Safety Program
- Forklift Program

1.5 FIVE-YEAR ACCIDENT HISTORY (2011-2016)

The project has not experienced an accidental release of ammonia or any other hazardous substance in the last 5 years.

1.6 EMERGENCY RESPONSE POLICIES AND ELEMENTS

The emergency response program is implemented through an established set of policies and programs including, but not limited to, the following:

- Establishment of criteria defining an emergency
- Staff training and responsibility assignments
- Emergency notification procedures (on and off-site)
- Evacuation procedures

- Emergency response procedures
- Incident investigation and follow-up procedures

The general accidental release prevention program is comprised of the following elements:

- Proper maintenance of all system equipment
- Proper operation of all system equipment
- Internal operating policies with respect to ammonia tank capacity
- Comprehensive personnel training
- A written emergency response plan
- A written Ammonia Delivery Safety Management Plan
- Documented safety procedures for employees and contractors
- Inclusion of ammonia specific health, safety, and response data in the RMP
- Communication and coordination with emergency responders (CUPA/Fire Dept.)

1.7 SAFETY IMPROVEMENTS

The DVR facility constantly strives for improved performance and reliability from all its processes. As specific process and safety improvements are identified, they will be evaluated by staff for application and implementation.

2.0 CERTIFICATION [§ 2745.9]

Based on the criteria in Section 2735.4 of Title 19 of CCR, the distance to the specified endpoint for the worst-case accidental release scenario for the following process is less than the distance to the nearest public receptor: aqueous ammonia process. Within the past five years, the process has had no accidental release that caused offsite impacts defined in the risk management program Section 2735.4(c)(1). No additional measures are necessary to prevent offsite impacts from accidental releases. In the event of fire, explosion, or a release of a regulated substance from the process, entry within the distance to the specified endpoints may pose a danger to public emergency responders. Therefore, public emergency responders should not enter this area except as arranged with the emergency contact indicated in the RMP. The undersigned certifies that, to the best of my knowledge, information, and belief, formed after reasonable inquiry, the information submitted is true, accurate, and complete.

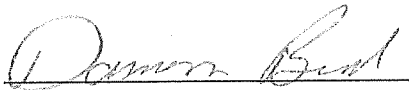


Paul Manchester
(Acting) Division Manager - Generation
Silicon Valley Power

Date signed: 6/12/12

CERTIFICATION

I, Damon Beck, do hereby certify, as the preparer of the Donald Von Raesfeld Power Plant RMP that to the best of my knowledge, information, and belief formed after reasonable inquiry, that the information presented herein is true, accurate, and complete.



Division Manager – Compliance
Silicon Valley Power

Date signed: 6/28/16

3.0 INTRODUCTION

3.1 FACILITY AND PROCESS DESCRIPTION

The City of Santa Clara's Electric Department, doing business as Silicon Valley Power (SVP), constructed the Donald Von Raesfeld Power Plant (DVR) in the City of Santa Clara, CA. DVR is a natural gas-fired, combined-cycle electric generating facility rated at a nominal net generating capacity of 122-megawatts (MW), with the ability to peak-fire to 147 MW. The 2.86-acre site is located west of the intersection of Lafayette Street and Duane Avenue and immediately north of SVP's Kifer Receiving Station. DVR is surrounded by heavy industrial and light industrial land uses.

DVR consists of two General Electric LM-6000PC Sprint combustion turbine-generators (CTG); a single condensing steam turbine generator (STG); a de-aerating surface condenser; a mechanical draft plume-abated cooling tower; and associated support equipment.

The CTGs are equipped with standard combustors, air inlet chilling, and heat recovery steam generators (HRSG) with duct burners. Selective Catalytic Reduction (SCR) is used to control nitrogen oxides (NO_x) concentrations in the exhaust gas emitted to the atmosphere to an average of 2.0 parts per million by volume on a dry basis (ppm_{vd}) at 15 percent oxygen from the gas turbines (2.0 ppm_{vd} at 15% oxygen). The SCR process uses aqueous ammonia as the source of the ammonia vapor that reacts with NO_x in the exhaust gas to produce harmless nitrogen and water. Ammonia slip, the unreacted ammonia in the exiting exhaust gas, is limited to a concentration of 10 ppm_{vd} at 15 percent oxygen. The SCR equipment includes a reactor chamber, catalyst modules, ammonia storage system, ammonia vaporization and injection system, and monitoring equipment and sensors.

The SCR system uses aqueous ammonia as the reduction reagent. As such, DVR requires the necessary systems to store and distribute aqueous ammonia for the SCR process.

3.2 AQUEOUS AMMONIA SAFETY SYSTEMS

DVR stores 19% aqueous ammonia in a single stationary vertical steel storage tank. The tank capacity is 10,000 gallons; however, the maximum tank storage will be administratively limited to 9,000 gallons. The tank is enclosed by a secondary containment berm; this area passively drains to a secondary containment vault directly below. The secondary containment vault is capable of containing the full contents of the tank as well as incidental rainwater. The approximate secondary containment system dimensions are as follows:

Bermed Area	Vault
Length: 20 ft.	Length: 19 ft.
Width: 18 ft.	Width: 17 ft.
Depth: 1 ft.	Depth: 6 ft.
Available surface Area = 217 ft ²	Volume: 14,500 gal. (1,938 ft ³)

The surface area of the bermed area (subtracting out tank foundation footprint of 143 ft²) is 217 ft² (20.2 m²), and the volume of the lower vault is approximately 14,500 gallons. The bermed area is graded so that an aqueous ammonia spill would drain immediately to the lower vault through a 10-inch drain. The ammonia truck unloading pad also drains to the secondary containment vault during ammonia transfer operations, as specified in the DVR Ammonia Delivery Safety Management Plan.

The aqueous ammonia storage and handling facilities are equipped with continuous tank level monitors, pressure monitors, a pressure relief valve, and an overfill protection device. Check valves on the tank fill connections are provided to minimize a release caused by fill hose rupture.

Ammonia vapor detectors are installed around the aqueous ammonia storage tank and truck unloading area to generate alarm signals in the plant control room that will alert the operators to potential leaks.

A tanker truck makes a 6,000 gallon delivery of aqueous ammonia to DVR every 10 to 14 days. The 10,000-gallon aqueous ammonia tank has a maximum working capacity of 9,000 gallons. Company practice is to fill the ammonia tank to 92% capacity (8,300 gallons). The tank level alarms are set at 92% capacity (8,300 gallons) and 100% capacity (9,000 gallons).

General arrangement drawings provided in Appendix A show the layout of the facility and includes the locations of the turbines, SCR system, and aqueous ammonia tank and distribution skid. The ammonia system piping and instrumentation diagram is provided in Appendix B.

3.3 RMP PROGRAM LEVEL

Storage of 9,000 gallons of aqueous ammonia results in the on-site presence of ammonia in quantities in excess of the State CalARP substance threshold for ammonia of 500 pounds. Presently, the CalARP regulations do not contain an exemption for aqueous ammonia solutions. Based on the weight and concentration of the aqueous ammonia, the proposed facility does not meet the EPA RMP threshold quantities (20,000 pounds, concentrations greater than 20 percent). The proposed facility will not be subject to the Process Safety Management provisions of 29 CFR 1910 and California Code of Regulations (CCR) Title 8 Section 5189. Aqueous ammonia (ammonium hydroxide, CAS #7664-41-7) is not considered to be an acutely hazardous material. Based on the above, and the fact that no public receptors are impacted within the distance to the endpoint for the worst case scenario, the DVR facility is classified as a Program Level 1 source.

3.4 RMP UPDATES AND RECORDKEEPING

The RMP will be updated per CCR 19, Section 2745.1 O (b), as follows:

- Within 5 years of its initial submission or most recent update required by sections (b)(2) through (b)(7)
- No later than 3 years after a newly regulated substance present at DVR is first listed by OES
- No later than the date on which a new regulated substance is first present in an already covered process above a threshold quantity
- No later than the date on which a regulated substance is first present above a threshold quantity in a new process
- Within 6 months of a change that requires a revised PHA or hazard review
- Within 6 months of a change that requires a revised offsite consequence analysis per 2750.7
- Within 6 months of a change that alters the Program level that applies to any covered process

All records associated with the RMP are retained for a minimum of five years per [§ 2775. 1] unless another period is specifically delineated within the applicable state or federal RMP regulations.

3.5 RMP REGISTRATION [§ 2735.5, § 2740.1]

Submittal of this data to the U.S. Environmental Protection Agency (EPA) is not required.

(1) Stationary source name, street, city, county, state, zip code, latitude, and longitude:

Donald Von Raesfeld (DVR) Power Plant
850 Duane Avenue, City of Santa Clara, Santa Clara County, CA 95054
Latitude:
Longitude:
Lat/Long source: Meridian Surveying Engineering, Inc.
Lat/ Long location: Eastern HRSG exhaust stack

(2) Stationary source Dun and Bradstreet number: N/A

(3) Name and Dun and Brad Street number of the corporate parent company:

City of Santa Clara, DBA Silicon Valley Power (SVP)
10-003-2353

(4) Name, telephone number, and mailing address of the owner or operator:

City of Santa Clara, dba Silicon Valley Power
1500 Warburton Avenue
Santa Clara, CA 95050
Director of Electric Utility

- (5) Name and title of the person or position with overall responsibility for RMP elements and implementation:

Damon Beck Division Manager – Compliance
850 Duane Avenue
Santa Clara, CA 95054
Ph #: (408) 615-6555
E-mail : dbeck@svpower.com

- (6) Name, telephone number, and 24-hour telephone number of the emergency contact:

DVR Control Room
(408) 615-6550

- (7) Covered process: SCR ammonia system

Name and CAS # of each regulated substance above threshold quantity:
Aqueous ammonia, CAS #7664-41-7

Maximum quantity (pounds): 9,000 gal of 19% aqueous ammonia
(13,000 lbs. ammonia)

NAICS Code: 2211 12

Program level: 1

- (8) Stationary source USEPA identifier:

Not applicable.

- (9) Number of full-time employees at the stationary source:

21

- (10) Is stationary source subject to Section 5189 of Title 8 of CCR:

No

- (11) Is stationary source subject to Part 355 of Title 40 of CFR:

No

- (12) Is stationary source subject to an operating permit under Title V of CAA, permit number:

Yes (Facility # B4991)

- (13) Date of the last safety inspection of the stationary source by a federal, state, or local government agency and the identity of the inspecting agency:

CUPA/Santa Clara Fire Department inspection on 2/4/11 for Fire code program;
there's been no inspection of the stationary source

- (14) Name, mailing address, and telephone number of the contractor who prepared the original RMP:

Doug Urry
Tetra Tech FW
2937 Lennane Drive, Suite 200
Sacramento, CA 95834 (916) 928-4823

4.0 FIVE YEAR ACCIDENT HISTORY [§ 2745.5]

The DVR Power Plant commenced commercial operations in March 2005. No accidental release of ammonia has occurred since the beginning of operations. There have been no releases in the past five years, 2011-2016.

The purpose of the 5-year accident history is to present data to the local emergency planning committee and the public pertaining to past accidental releases at the target facility. The data is used as follows:

- Provides an explanation to the public regarding the factors which caused or contributed to a release
- Provides data on the offsite consequences of such releases
- Provides data on what steps were taken by the target facility to investigate and minimize future releases
- Helps to create an informed public

5.0 EMERGENCY RESPONSE PROGRAM [§ 2745.8]

The DVR Power Plant safety and response programs are written and implemented with the goals of, (1) preventing accidental releases of listed substances, and (2) providing an appropriate response to accidental releases which mitigate the effects of the release both on and offsite, and protect the public, employees, and the surrounding environment. Appropriate response equipment and supplies are kept on site at all times. Employee training is conducted to ensure employees are aware of the risks at the facility. An Emergency Response Plan (ERP) specifies the steps to be taken, upon confirmation of an accidental release of a regulated substance, notification procedures, evacuation procedures, and spill/release control and containment measures for accidental releases that may occur at the facility. In addition to the ERP, SVP implements safety programs including, but not limited to, the following:

- Hazardous Materials Business Plan
- Injury and Illness Prevention Plan
- Spill Containment Control and Countermeasure Plan
- Hazardous Waste Storage and Handling Procedures
- Hazard Communication Program
- Fire Protection and Prevention Plan
- Heming Conservation Program
- Respiratory Protection Program
- Electrical Safety Program
- Forklift Safety
- Hot Work Program

The ERP contains specific process information, a list of emergency equipment, emergency evacuation plans, and a list of plant ERP personnel. The ERP will also include a list of telephone numbers of agencies and individuals to contact in the event of an accidental release or other emergency. The agencies and individuals represent the Administrating Agency, local emergency responders, regulatory agencies, health care providers, etc.

DVR will work closely with the City of Santa Clara Fire Department (CUPA/Administering Agency for Cal-ARP) to mitigate any releases and to coordinate emergency planning with the responding agencies. Periodic site visits and plan review with the fire department will provide a useful information exchange between the facility staff and fire department personnel.

The ERP delineates the procedures for responding to releases of regulated substances as well as other types of emergencies. The ERP includes procedures for response to releases of regulated and other extremely hazardous substances.

Employees are trained in the ERP when initially hired, and all employees receive periodic refresher training on the ERP for the regulated aqueous ammonia process. Documentation of these training records for the initial and refresher training are kept on site. The following ERP data is provided.

5.1 SUBSTANCE DATA

Appendix C contains detailed physical, chemical, and health related data for ammonia in general and aqueous ammonia solutions.

5.2 LOCATION OF SAFETY GEAR AND EMERGENCY RESPONSE APPARATUS

The facility has the following safety gear including, but not limited to:

1. Fire extinguishers
2. First aid kits
3. Eye wash stations
4. Emergency showers
5. Spill control kits
6. Full-face respirators with ammonia cartridges
7. SCBA's
8. Approved eye and ear protective devices
9. Hardhats

This gear, as appropriate to the process area, is stored at the following plant locations:

1. Operations Building, or,
2. At specific areas deemed appropriate based upon the hazards identified.

5.3 PROTECTIVE EQUIPMENT TRAINING

All employees, including administrative staff, will be trained on a periodic basis in the use of the personal safety equipment.

5.4 EMERGENCY TELEPHONE NUMBERS

DVR Control Room	408-615-6550	24 hour
Fire/Police/Medical (Emergencies)	9-9-1-1	24 hour
Fire Department (Non-Emergency)	408-615-4900	M-F 8:00 AM - 5:00 PM
Fire Department (Hazmat Division)	408-615-4960	M-F 8:00 AM - 5:00 PM
State of California Office of Emergency Services	800-852-7550	
National Response Center	800-424-8802	

7.0 REFERENCES

RMP Offsite Consequence Analysis Guidance, USEPA-CE PPO, May 24, 1996 April 15, 1999, 2015 versions.

Risk Management Program Guidance for Wastewater Treatment Plants (40 CFR 68), USEPA-CEPPO, OSWER, #550-B-98-010, October 1998.

User's Manual for SLAB: An Atmospheric Dispersion Model for Denser-Than-Air Releases, University of California, Lawrence Livermore Laboratory, June 1990.

Silicon Valley Power, Injury and Illness Prevention Program (IIPP), SVP Standard S-0016, 2016
<http://webbook.nist.gov/cgi/cbook.cgi?ID=C7664417&units=SI&Mask=4#Thermo-Phase>

6.0 OFF-SITE CONSEQUENCE ANALYSIS [§ 2745.4]

6.1 OFFSITE CONSEQUENCE ANALYSIS RESULTS

The worst-case release scenario is the failure of the aqueous ammonia storage tank with full containment. This scenario results in the release of approximately 62 pounds of ammonia in 10 minutes. The distance to the toxic endpoint of 201 ppm would not affect any public receptors.

Off-site consequence analysis (OCA) modeling was conducted using the SLAB model. A complete description of the SLAB model is available in *User's Manual for SLAB: An Atmospheric Dispersion Model for Denser-Than-Air-Releases*, D. E. Ermak, Lawrence Livermore National Laboratory, June 1990. The current version of SLAB is accompanied by an external substance database that includes chemical specific data for ammonia. This data was used in all modeling runs without exception or modification except for the initial liquid mass fraction (CMEDO) value that was conservatively calculated (0.95) for each release scenario.

Table 1. Meteorological Data for Release Scenarios

Parameter	Worst Case Met
Wind Speed (m/sec)	1.5
Stability Class	F
Relative Humidity (%)	50
Ambient Temperature (deg. C)	36.1 ¹

¹ San Jose Station KSJC. Highest daily temperature for the past three years. Weather Underground.

For the purposes of this OCA, it was conservatively assumed that volatilization of ammonia would occur across the entire surface of the bermed area, despite the fact that any aqueous ammonia released from the tank would drain to the underground containment vault. In reality, it is not likely that the entire surface area would be wetted, or that any quantity of ammonia solution would remain in the upper containment area. Given the actual configuration, this approach yields a very conservative estimate of volatilization potential.

Emissions of ammonia from the aqueous ammonia solution were calculated pursuant to the equations and guidance given in *RMP Off/Site Consequence Analysis Guidance*, EPA, April 1999. The equation used to predict the emissions is as follows:

$$QR = (1.4)(LFA)(A)$$

Where

QR = emissions rate, lbs/min

LFA = liquid factor ambient (0.015, 20% solution)

A = diked surface area, ft²

Unadjusted emissions for the tank rupture scenario would be as follow:

$$\begin{aligned} QR &= (1.4)(0.015)(217) \\ &= 4.6 \text{ lbs/min} \end{aligned}$$

Emissions for a 10-minute release would equal:

$$= 4.6 \text{ lbs/min} \times 10 \text{ min} = 46 \text{ lbs/10 minutes}$$

Emissions adjusted for the temperature correction factor (TCF) of 1.348 for the worst-case scenario would be:

$$\begin{aligned} \text{TCF} &= 1.348 \\ 4.6 \text{ lbs/min} \times 1.348 \\ &= 6.2 \text{ lbs/min} \\ &= 62 \text{ lbs/10 minutes} \end{aligned}$$

Please note that per *Risk Management Program Guidance for WWTPs, EPA-OSWER, October 1998*, ammonia emissions from the diked area are only calculated for the first 10 minutes of the spill life. EPA states that the release of ammonia from the aqueous solution should only be used for the first 10 minutes after which the ammonia in the pool (diked area) will be more dilute than it was initially and will be evaporating much less rapidly.

The Cal-ARP Toxic Endpoint (TE) action level values for ammonia is 201 ppm. This value is based on a one-hour exposure; therefore, the modeling concentrations were calculated as one-hour exposure averages for comparison with the one-hour TE value.

Modeling output is provided in Appendix D. A summary plot shows the results in terms of concentration vs. downwind distance. The ammonia storage area is located approximately 65 feet (20 meters) from the nearest offsite receptor which is a retail business. As shown in the downwind concentration plot, ammonia concentrations would fall below 0.5 ppm before reaching the fence line distance for the worst-case release scenario. The level of potential offsite exposure from this release scenario is considered insignificant, and would result in no known or discernable health impacts to any member of the surrounding population.

Hazardous Materials And Wastes Inventory Matrix Report

CERS Business/Org. City of Santa Clara dba Silicon Valley Power Facility Name Donald Von Raesfeld Power Plant 850 Duane Ave, Santa Clara 95054	Chemical Location <div style="border: 1px solid black; height: 20px; width: 100%;"></div>	CERS ID 10089157 Facility ID 43-010-700212 Status Submitted on 7/21/2016 7:59 AM
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DOT Code/Fire Haz. Class	Common Name	Unit	Quantities			Annual Waste Amount	Federal Hazard Categories	Hazardous Components (For mixture only)		
			Max. Daily	Largest Cont.	Avg. Daily			Component Name	% Wt	EHS CAS No.
	EPA Protocol Gas for CEMS	Cu. Feet	4500	1500	250					
	<u>CAS No</u>	<u>State</u>	<u>Storage Container</u>		<u>Pressue</u>	<u>Waste Code</u>				
		<u>Gas</u>	<u>Other</u>		<u>Ambient</u>					
		<u>Type</u>			<u>Temperature</u>					
		<u>Mixture</u>	<u>Days on Site: 365</u>		<u>Ambient</u>					

Hazardous Materials And Wastes Inventory Matrix Report

CERS Business/Org. City of Santa Clara dba Silicon Valley Power Facility Name Donald Von Raesfeld Power Plant 850 Duane Ave, Santa Clara 95054	Chemical Location <div style="border: 1px solid black; width: 100px; height: 20px; margin: 0 auto;"></div>	CERS ID 10089157 Facility ID 43-010-700212 Status Submitted on 7/21/2016 7:59 AM
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DOT Code/Fire Haz. Class	Common Name	Unit	Quantities			Annual Waste Amount	Federal Hazard Categories	Hazardous Components (For mixture only)		
			Max. Daily	Largest Cont.	Avg. Daily			Component Name	% Wt	EHS CAS No.
Combustible Liquid, Class III-B, Irritant	Ethylene Glycol	Gallons	20000	1100	20000		- Acute Health	Ethylene Glycol	95 %	107-21-1
	<u>CAS No</u>	<u>State</u>	<u>Storage Container</u>		<u>Pressue</u>	<u>Waste Code</u>	- Chronic health	Water	3 %	7732-18-5
	107-21-1	Liquid	Other		Ambient			Dipotassium hydrogen phosphate	2 %	
		<u>Type</u>	<u>Mixture</u>	Days on Site: 365		<u>Temperature</u>				

Hazardous Materials And Wastes Inventory Matrix Report

CERS Business/Org. City of Santa Clara dba Silicon Valley Power Facility Name Donald Von Raesfeld Power Plant 850 Duane Ave, Santa Clara 95054	Chemical Location <div style="border: 1px solid black; height: 20px; width: 100%;"></div>	CERS ID 10089157 Facility ID 43-010-700212 Status Submitted on 7/21/2016 7:59 AM
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DOT Code/Fire Haz. Class	Common Name	Unit	Quantities			Annual Waste Amount	Federal Hazard Categories	Hazardous Components (For mixture only)		
			Max. Daily	Largest Cont.	Avg. Daily			Component Name	% Wt	EHS CAS No.
	Natural gas	Cu. Feet	900000		899700			Methane		74-82-8
	<u>CAS No</u>	<u>State</u>	<u>Storage Container</u>		<u>Pressue</u>	<u>Waste Code</u>		Propane		74-98-6
	8006-14-2	Gas	Other		Ambient			Ethane		74-84-0
		<u>Type</u>			<u>Temperature</u>			Butane		106-97-8
		Mixture	Days on Site: 365		> Ambient			Hyrdogen sulphide		7783-06-4

Hazardous Materials And Wastes Inventory Matrix Report

CERS Business/Org. City of Santa Clara dba Silicon Valley Power Facility Name Donald Von Raesfeld Power Plant 850 Duane Ave, Santa Clara 95054	Chemical Location <div style="border: 1px solid black; height: 20px; width: 100%;"></div>	CERS ID 10089157 Facility ID 43-010-700212 Status Submitted on 7/21/2016 7:59 AM
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DOT Code/Fire Haz. Class	Common Name	Unit	Quantities			Annual Waste Amount	Federal Hazard Categories	Hazardous Components (For mixture only)		
			Max. Daily	Largest Cont.	Avg. Daily			Component Name	% Wt	EHS CAS No.
DOT: 3 - Flammable and Combustible Liquids	Motor Oil	Gallons	3200	1700	3200	300	- Fire	VARIOUS LUBRICATING BASE OILS	85 %	6474X-XX-X
Combustible Liquid, Class III-B	<u>CAS No</u>	<u>State</u>	<u>Storage Container</u>		<u>Pressue</u>	<u>Waste Code</u>		ADDITIVE PACKAGE, INCLUDING	15 %	MIXTURE
		<u>Liquid</u>	Other		> Ambient	221		ZINC ALKYL DITHIOPHOSPHATE	2 %	68649-42-3
		<u>Type</u>			<u>Temperature</u>					
		<u>Waste</u>	Days on Site: 365		> Ambient					

Hazardous Materials And Wastes Inventory Matrix Report

CERS Business/Org. City of Santa Clara dba Silicon Valley Power	Chemical Location	CERS ID 10089157
Facility Name Donald Von Raesfeld Power Plant	[Redacted]	Facility ID 43-010-700212
850 Duane Ave, Santa Clara 95054		Status Submitted on 7/21/2016 7:59 AM

DOT Code/Fire Haz. Class	Common Name	Unit	Quantities			Annual Waste Amount	Federal Hazard Categories	Hazardous Components (For mixture only)		
			Max. Daily	Largest Cont.	Avg. Daily			Component Name	% Wt	EHS CAS No.
DOT: 8 - Corrosives (Liquids and Solids)	Sodium Hydroxide	Gallons	475	475	300		- Fire - Reactive	Sodium Hydroxide	50 %	1310-73-2
Corrosive	CAS No 1310-73-2	State Liquid	Storage Container Aboveground Tank		Pressue Ambient	Waste Code	- Pressure Release			
		Type Mixture	Days on Site: 365		Temperature Ambient		- Acute Health - Chronic health			

Hazardous Materials And Wastes Inventory Matrix Report

CERS Business/Org. City of Santa Clara dba Silicon Valley Power Facility Name Donald Von Raesfeld Power Plant 850 Duane Ave, Santa Clara 95054	Chemical Location <div style="border: 1px solid black; height: 20px; width: 100%;"></div>	CERS ID 10089157 Facility ID 43-010-700212 Status Submitted on 7/21/2016 7:59 AM
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DOT Code/Fire Haz. Class	Common Name	Unit	Quantities			Annual Waste Amount	Federal Hazard Categories	Hazardous Components (For mixture only)		
			Max. Daily	Largest Cont.	Avg. Daily			Component Name	% Wt	EHS CAS No.
DOT: 8 - Corrosives (Liquids and Solids) Corrosive, Toxic	Aqueous Ammonia	Gallons	9000	10000	5000	- Fire	Ammonium Hydroxide	19 %	✓ 1336-21-6	
	<u>CAS No</u>	<u>State</u>	<u>Storage Container</u>		<u>Pressue</u>	- Reactive				
	1336-21-6	Liquid	Aboveground Tank		Ambient	- Pressure	Water	81 %	7732-18-5	
		<u>Type</u>	Mixture	Days on Site: 365	Ambient	122	Release			
						- Acute Health				
						- Chronic health				
DOT: 8 - Corrosives (Liquids and Solids) Corrosive, Other Health Hazard, Sensitizer	Sodium Bisulfite	Gallons	475	475	200		Sodium Bisulfite	30 %	7631-90-5	
	<u>CAS No</u>	<u>State</u>	<u>Storage Container</u>		<u>Pressue</u>					
	7631-90-5	Liquid	Tote Bin		Ambient	- Pressure	Sulfur Dioxide	1 %	7446-09-5	
		<u>Type</u>	Mixture	Days on Site: 365	Ambient					
DOT: 8 - Corrosives (Liquids and Solids) Corrosive, Toxic, Water Reactive, Class 1	Sodium Hydroxide	Gallons	475	475	250	- Reactive	Sodium Hydroxide	50 %	1310-73-2	
	<u>CAS No</u>	<u>State</u>	<u>Storage Container</u>		<u>Pressue</u>	- Acute Health				
	1310-73-2	Liquid	Tote Bin		Ambient		Water	50 %		
		<u>Type</u>	Mixture	Days on Site: 365	Ambient					
DOT: 8 - Corrosives (Liquids and Solids) Corrosive	Sodium Hypochlorite >12.5%-15%	Gallons	1425	475	1000	- Fire	water	84 %	7732-18-5	
	<u>CAS No</u>	<u>State</u>	<u>Storage Container</u>		<u>Pressue</u>	- Reactive				
	7681-52-9	Liquid	Tote Bin		Ambient	- Pressure	Sodium Hypochlorite	15 %	7681-52-9	
		<u>Type</u>	Pure	Days on Site: 365	Ambient	Release	Sodium hydroxide	1 %	1310-73-2	
						- Acute Health				
						- Chronic health				
DOT: 8 - Corrosives (Liquids and Solids) Corrosive, Water Reactive, Class 2, Toxic, Oxidizing, Class 1	Sulfuric Acid	Gallons	6000	6000	2500	- Reactive	Sulfuric Acid	93 %	✓ 7664-93-9	
	<u>CAS No</u>	<u>State</u>	<u>Storage Container</u>		<u>Pressue</u>	- Acute Health				
	7664-93-9	Liquid	Aboveground Tank		Ambient		Water	3 %		
		<u>Type</u>	Mixture	Days on Site: 365	Ambient					

Hazardous Materials And Wastes Inventory Matrix Report

CERS Business/Org. **City of Santa Clara dba Silicon Valley Power**
 Facility Name **Donald Von Raesfeld Power Plant**
 850 Duane Ave, Santa Clara 95054

Chemical Location

CERS ID **10089157**
 Facility ID **43-010-700212**
 Status **Submitted on 7/21/2016 7:59 AM**

DOT Code/Fire Haz. Class	Common Name	Unit	Quantities			Annual Waste Amount	Federal Hazard Categories	Hazardous Components (For mixture only)		
			Max. Daily	Largest Cont.	Avg. Daily			Component Name	% Wt	EHS CAS No.
	3D Trasar 3DT195	Gallons	400	400	200					
	<u>CAS No</u>	<u>State</u>	<u>Storage Container</u>		<u>Pressure</u>	<u>Waste Code</u>				
		Liquid	Tote Bin		Ambient					
		<u>Type</u>			<u>Temperature</u>					
		Mixture	Days on Site: 365		Ambient					
DOT: 9 - Misc. Hazardous Materials	Nalco Elimin-ox	Gallons	300	110	150		- Acute Health	Carbohydrazide	10 %	✓ 497-18-7
	<u>CAS No</u>	<u>State</u>	<u>Storage Container</u>		<u>Pressure</u>	<u>Waste Code</u>				
	497-18-7	Liquid	Tote Bin		Ambient					
		<u>Type</u>			<u>Temperature</u>					
		Mixture	Days on Site: 365		Ambient					

Hazardous Materials And Wastes Inventory Matrix Report

CERS Business/Org. City of Santa Clara dba Silicon Valley Power Facility Name Donald Von Raesfeld Power Plant 850 Duane Ave, Santa Clara 95054	Chemical Location <div style="border: 1px solid black; height: 20px; width: 100%;"></div>	CERS ID 10089157 Facility ID 43-010-700212 Status Submitted on 7/21/2016 7:59 AM
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DOT Code/Fire Haz. Class	Common Name	Unit	Quantities			Annual Waste Amount	Federal Hazard Categories	Hazardous Components (For mixture only)		
			Max. Daily	Largest Cont.	Avg. Daily			Component Name	% Wt	EHS CAS No.
DOT: 9 - Misc. Hazardous Materials Irritant	Ferralyte 8131	Gallons	200	200	100			Ferric Sulfate	60 %	10028-22-5
	<u>CAS No</u> 10028-22-5	<u>State</u> Liquid	<u>Storage Container</u> Tote Bin		<u>Pressue</u> Ambient	<u>Waste Code</u>		Sulfuric Acid	5 %	7664-93-9
		<u>Type</u> Mixture	<u>Days on Site</u> : 365		<u>Temperature</u> Ambient					

Hazardous Materials And Wastes Inventory Matrix Report

CERS Business/Org. City of Santa Clara dba Silicon Valley Power Facility Name Donald Von Raesfeld Power Plant 850 Duane Ave, Santa Clara 95054	Chemical Location <div style="border: 1px solid black; height: 20px; width: 100%;"></div>	CERS ID 10089157 Facility ID 43-010-700212 Status Submitted on 7/21/2016 7:59 AM
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DOT Code/Fire Haz. Class	Common Name	Unit	Quantities			Annual Waste Amount	Federal Hazard Categories	Hazardous Components (For mixture only)		
			Max. Daily	Largest Cont.	Avg. Daily			Component Name	% Wt	EHS CAS No.
DOT: 3 - Flammable and Combustible Liquids	Mineral Oil	Gallons	19000	6600	19000		- Fire			
Combustible Liquid, Class III-B	CAS No 8012-95-1	State Liquid	Storage Container Steel Drum, Other		Pressue Ambient	Waste Code	- Reactive			
		Type Mixture	Days on Site: 365		Temperature > Ambient		- Pressure			
							Release			
							- Acute Health			
							- Chronic health			

Digital Realty

3105 Alfred Street

Not CalARP Regulated

Approximately 0.02 mile from site

2/25/21 Haz Mat Inventory

Hazardous Materials And Wastes Inventory Matrix Report

CERS Business/Org. **Digital Realty Trust, LP**
 Facility Name **Digital Alfred, LLC**
 3105 Alfred St, Santa Clara 95054

Chemical Location

CERS ID **10406062**
 Facility ID **43-010-208478**
 Status **Submitted on 2/25/2021 6:03 PM**

DOT Code/Fire Haz. Class	Common Name	Unit	Quantities			Annual Waste Amount	Federal Hazard Categories	Hazardous Components (For mixture only)		
			Max. Daily	Largest Cont.	Avg. Daily			Component Name	% Wt	EHS CAS No.
Combustible Liquid, Class III-B	ETHYLENE GLYCOL	Gallons	850	140	850		- Health Acute			
	<u>CAS No</u>	<u>State</u>	<u>Storage Container</u>		<u>Pressure</u>	<u>Waste Code</u>	Toxicity			
	107-21-1	Liquid	Other		Ambient		- Health Skin			
		<u>Type</u>	Pure	Days on Site: 365		Ambient		Corrosion		
DOT: 3 - Flammable and Combustible Liquids	Motor Oil	Gallons	545	90	545		- Physical	VARIOUS LUBRICATING BASE OILS	85 %	6474X-XX-X
Combustible Liquid, Class III-B	<u>CAS No</u>	<u>State</u>	<u>Storage Container</u>		<u>Pressure</u>	<u>Waste Code</u>	Flammable			
		Liquid	Other		Ambient	221	- Health Skin	ADDITIVE PACKAGE, INCLUDING	15 %	MIXTURE
		<u>Type</u>	Mixture	Days on Site: 365		Ambient	Corrosion	ZINC ALKYL DITHIOPHOSPHATE	2 %	68649-42-3
							Irritation			
							- Health			
							Respiratory Skin			
							Sensitization			
							- Health Serious			
							Eye Damage			
							Irritation			

Hazardous Materials And Wastes Inventory Matrix Report

CERS Business/Org. **Digital Realty Trust, LP**
 Facility Name **Digital Alfred, LLC**
 3105 Alfred St, Santa Clara 95054

Chemical Location
[REDACTED]

CERS ID **10406062**
 Facility ID **43-010-208478**
 Status **Submitted on 2/25/2021 6:03 PM**

DOT Code/Fire Haz. Class	Common Name	Unit	Quantities			Annual Waste Amount	Federal Hazard Categories	Hazardous Components (For mixture only)		
			Max. Daily	Largest Cont.	Avg. Daily			Component Name	% Wt	EHS CAS No.
DOT: 2.2 - Nonflammable Gases	R407C	Cu. Feet	290	145	290		- Physical Gas	Difluoromethane	23 %	200-839-4
	<u>CAS No</u>	<u>State</u>	<u>Storage Container</u>		<u>Pressue</u>	<u>Waste Code</u>	Under Pressure	Pentafluoroethane	25 %	206-557-8
		Gas	Other		> Ambient		- Health Acute	1,1,1,2-Tetrafluoroethane	52 %	212-377-0
		<u>Type</u>			<u>Temperature</u>		Toxicity			
		Mixture	Days on Site: 365		Ambient		- Health Skin			
							Corrosion			
							Irritation			
							- Health			
							Aspiration Hazard			

Hazardous Materials And Wastes Inventory Matrix Report

CERS Business/Org. **Digital Realty Trust, LP**
 Facility Name **Digital Alfred, LLC**
 3105 Alfred St, Santa Clara 95054

Chemical Location

CERS ID **10406062**
 Facility ID **43-010-208478**
 Status **Submitted on 2/25/2021 6:03 PM**

DOT Code/Fire Haz. Class	Common Name	Unit	Quantities			Annual Waste Amount	Federal Hazard Categories	Hazardous Components (For mixture only)		
			Max. Daily	Largest Cont.	Avg. Daily			Component Name	% Wt	EHS CAS No.
DOT: 2.2 - Nonflammable Gases	Chlorodifluoromethane	Cu. Feet	5865	733	5865		- Physical Gas Under Pressure			
	<u>CAS No</u> 75-45-6	<u>State</u> Gas	<u>Storage Container</u> Cylinder		<u>Pressue</u> > Ambient	<u>Waste Code</u>	- Health Skin Corrosion Irritation - Health Aspiration Hazard			
	R-410A	Cu. Feet	12746	660	12746	0	- Physical Gas Under Pressure	Difluoromethane Pentafluoroethane	50 % 50 %	75-10-5 354-33-6
	<u>CAS No</u>	<u>State</u> Liquid	<u>Storage Container</u> Other		<u>Pressue</u> > Ambient	<u>Waste Code</u>	- Health Acute Toxicity - Health Skin Corrosion Irritation - Health Aspiration Hazard			
		<u>Type</u> Mixture	Days on Site: 365		<u>Temperature</u> Ambient					

Hazardous Materials And Wastes Inventory Matrix Report

CERS Business/Org. Digital Realty Trust, LP	Chemical Location	CERS ID 10406062
Facility Name Digital Alfred, LLC	<div style="border: 1px solid black; width: 150px; height: 20px; margin: 0 auto;"></div>	Facility ID 43-010-208478
3105 Alfred St, Santa Clara 95054		Status Submitted on 2/25/2021 6:03 PM

DOT Code/Fire Haz. Class	Common Name	Unit	Quantities			Annual Waste Amount	Federal Hazard Categories	Hazardous Components (For mixture only)		
			Max. Daily	Largest Cont.	Avg. Daily			Component Name	% Wt	EHS CAS No.
DOT: 3 - Flammable and Combustible Liquids	Mineral Oil	Gallons	3828	614	3828	0	- Physical			
Combustible Liquid, Class III-B	CAS No 8012-95-1	State Liquid	Storage Container Other		Pressue Ambient	Waste Code	- Flammable			
		Type Pure	Days on Site: 365		Temperature Ambient		- Health Skin			
							Corrosion			
							Irritation			
							- Health			
							Aspiration Hazard			

Hazardous Materials And Wastes Inventory Matrix Report

CERS Business/Org. **Digital Realty Trust, LP**
 Facility Name **Digital Alfred, LLC**
 3105 Alfred St, Santa Clara 95054

Chemical Location

CERS ID **10406062**
 Facility ID **43-010-208478**
 Status **Submitted** on 2/25/2021 6:03 PM

DOT Code/Fire Haz. Class	Common Name	Unit	Quantities			Annual Waste Amount	Federal Hazard Categories	Hazardous Components (For mixture only)		
			Max. Daily	Largest Cont.	Avg. Daily			Component Name	% Wt	EHS CAS No.
DOT: 8 - Corrosives (Liquids and Solids)	Lead Acid Batteries	Gallons	2671	4.6	2671		- Physical	Sulfuric Acid	40 %	✓ 7664-93-9
Corrosive	<u>CAS No</u>	<u>State</u>	<u>Storage Container</u>		<u>Pressure</u>	<u>Waste Code</u>	- Flammable			
		Liquid	Other		Ambient	792	- Physical			
		<u>Type</u>			<u>Temperature</u>		Explosive			
		Mixture	Days on Site: 365		Ambient		- Physical			
							Corrosive To Metal			
							- Health			
							Carcinogenicity			
							- Health Acute			
							Toxicity			
							- Health			
							Reproductive			
							Toxicity			
							- Health Skin			
							Corrosion			
							Irritation			
							- Health Serious			
							Eye Damage Eye			
							Irritation			
							- Health Specific			
							Target Organ			
							Toxicity			
							- Health			
							Aspiration Hazard			

Verizon Wireless

1503 Arbuckle Court

Not CalARP Regulated

Approximately 0.16 mile from site

2/25/21 Haz Mat Inventory

Hazardous Materials And Wastes Inventory Matrix Report

CERS Business/Org. Verizon Wireless [Northern California]	Chemical Location	CERS ID 10084366
Facility Name Verizon Wireless Santa Clara Ar buckle (MTSO) 1503 Ar buckle Ct, Santa Clara 95054	[Redacted]	Facility ID 43-010-039989
		Status Submitted on 2/25/2021 11:26 AM

DOT Code/Fire Haz. Class	Common Name	Unit	Quantities			Annual Waste Amount	Federal Hazard Categories	Hazardous Components (For mixture only)		
			Max. Daily	Largest Cont.	Avg. Daily			Component Name	% Wt	EHS CAS No.
DOT: 3 - Flammable and Combustible Liquids	Diesel Fuel No. 2	Gallons	440	440	352		- Physical			
Combustible Liquid, Class II	CAS No 68476-34-6	State Liquid	Storage Container Aboveground Tank		Pressue Ambient	Waste Code	- Flammable			
		Type Pure	Days on Site: 365		Temperature Ambient		- Health			
							- Carcinogenicity			
							- Health Acute			
							Toxicity			
							- Health Skin			
							Corrosion			
							Irritation			
							- Health			
							Respiratory Skin			
							Sensitization			
							- Health Serious			
							Eye Damage Eye			
							Irritation			
							- Health Specific			
							Target Organ			
							Toxicity			
							- Health			
							Aspiration Hazard			

Hazardous Materials And Wastes Inventory Matrix Report

CERS Business/Org. Verizon Wireless [Northern California]	Chemical Location <div style="border: 1px solid black; width: 100px; height: 20px; margin: 0 auto;"></div>	CERS ID 10084366
Facility Name Verizon Wireless Santa Clara Arbutle (MTSO) 1503 Arbutle Ct, Santa Clara 95054		Facility ID 43-010-039989
		Status Submitted on 2/25/2021 11:26 AM

DOT Code/Fire Haz. Class	Common Name	Unit	Quantities			Annual Waste Amount	Federal Hazard Categories	Hazardous Components (For mixture only)		
			Max. Daily	Largest Cont.	Avg. Daily			Component Name	% Wt	EHS
DOT: 2.2 - Nonflammable Gases	FM 200 <u>CAS No</u> 431-89-0	Cu. Feet <u>State</u> Gas <u>Type</u> Pure	720	720	720	Waste Code	- Physical Gas Under Pressure - Health Hazard Not Otherwise Classified			
DOT: 2.2 - Nonflammable Gases	Halon <u>CAS No</u> 75-63-8	Cu. Feet <u>State</u> Gas <u>Type</u> Pure	4152	1344	4152	Waste Code	- Physical Gas Under Pressure - Health Simple Asphyxiant			

Hazardous Materials And Wastes Inventory Matrix Report

CERS Business/Org. Verizon Wireless [Northern California]	Chemical Location	CERS ID 10084366
Facility Name Verizon Wireless Santa Clara Ar buckle (MTSO) 1503 Ar buckle Ct, Santa Clara 95054	[Redacted]	Facility ID 43-010-039989
		Status Submitted on 2/25/2021 11:26 AM

DOT Code/Fire Haz. Class	Common Name	Unit	Quantities			Annual Waste Amount	Federal Hazard Categories	Hazardous Components (For mixture only)		
			Max. Daily	Largest Cont.	Avg. Daily			Component Name	% Wt	EHS CAS No.
DOT: 8 - Corrosives (Liquids and Solids)	Lead Acid Battery	Gallons	1080	15	1080	- Physical	%Sulfuric Acid in Electrolyte by Weight	8 %	7664-93-9	
Corrosive, Water Reactive, Class 2	CAS No. 7664-93-9	State Liquid	Storage Container Other		Pressure Ambient	Waste Code	Metal			
		Type Mixture	Days on Site: 365		Temperature Ambient		- Health - Health Acute Toxicity - Health Reproductive Toxicity - Health Skin Corrosion Irritation - Health Serious Eye Damage Eye Irritation - Health Specific Target Organ Toxicity			

Hazardous Materials And Wastes Inventory Matrix Report

CERS Business/Org. Verizon Wireless [Northern California]	Chemical Location <div style="border: 1px solid black; height: 20px; width: 100%;"></div>	CERS ID 10084366
Facility Name Verizon Wireless Santa Clara Ar buckle (MTSO) 1503 Ar buckle Ct, Santa Clara 95054		Facility ID 43-010-039989
		Status Submitted on 2/25/2021 11:26 AM

DOT Code/Fire Haz. Class	Common Name	Unit	Quantities			Annual Waste Amount	Federal Hazard Categories	Hazardous Components (For mixture only)		
			Max. Daily	Largest Cont.	Avg. Daily			Component Name	% Wt	EHS CAS No.
DOT: 8 - Corrosives (Liquids and Solids)	Lead Acid Battery	Gallons	151.2	6.3	151.2	- Physical	%Sulfuric Acid in Electrolyte by Weight	8 %	<input checked="" type="checkbox"/> 7664-93-9	
Corrosive, Water Reactive, Class 2	CAS No. 7664-93-9	State Liquid	Storage Container Other		Pressure Ambient	Waste Code	Metal			
		Type Mixture	Days on Site: 365		Temperature Ambient		- Health - Health Acute - Health Toxicity - Health Reproductive - Health Toxicity - Health Corrosion - Health Irritation - Health Serious - Health Eye Damage - Health Eye Irritation - Health Specific - Health Target Organ - Health Toxicity			

Reaction Technology

3400 Bassett Street

Not CalARP Regulated

Approximately 0.48 mile from site

8/4/20 Haz Mat Inventory

Hazardous Materials And Wastes Inventory Matrix Report

CERS Business/Org.	Reaction Technology	Chemical Location	CERS ID 10124866
Facility Name	Reaction Technology	█	Facility ID 43-010-701578
	3400 Bassett St., Santa Clara 95054		Status Submitted on 8/4/2020 2:29 PM

DOT Code/Fire Haz. Class	Common Name	Unit	Quantities			Annual Waste Amount	Federal Hazard Categories	Hazardous Components (For mixture only)		
			Max. Daily	Largest Cont.	Avg. Daily			Component Name	% Wt	EHS
Corrosive	Ammonium Hydrogen Fluoride <u>CAS No</u> 1341-49-7	Gallons	30	30	30	30	- Physical Corrosive To Metal - Health Skin Corrosion Irritation	Ammonium Hydrogen Fluoride		1341-49-7
		<u>State</u> Liquid	<u>Storage Container</u> Plastic/Non-metallic Drum		<u>Pressue</u>	121				
		<u>Type</u> Mixture	Days on Site: 365			<u>Temperature</u>				

Hazardous Materials And Wastes Inventory Matrix Report

CERS Business/Org.	Reaction Technology	Chemical Location	CERS ID 10124866
Facility Name	Reaction Technology	<div style="background-color: #cccccc; width: 100px; height: 20px;"></div>	Facility ID 43-010-701578
	3400 Bassett St., Santa Clara 95054		Status Submitted on 8/4/2020 2:29 PM

DOT Code/Fire Haz. Class	Common Name	Unit	Quantities			Annual Waste Amount	Federal Hazard Categories	Hazardous Components (For mixture only)		
			Max. Daily	Largest Cont.	Avg. Daily			Component Name	% Wt	EHS
DOT: 8 - Corrosives (Liquids and Solids) Corrosive	pH Neutralization System <u>CAS No</u>	Gallons	1500	750	1500	120000	- Physical Corrosive To	Mixed inorganic acids and bases		
		<u>State</u>	<u>Storage Container</u>		<u>Pressue</u>	<u>Waste Code</u>	Metal			
		<u>Liquid</u>	Aboveground Tank, Tank Inside		Ambient	135				
		<u>Type</u>	Building		<u>Temperature</u>					
		<u>Mixture</u>	Days on Site: 365		Ambient					

Hazardous Materials And Wastes Inventory Matrix Report

CERS Business/Org.	Reaction Technology	Chemical Location	CERS ID 10124866
Facility Name	Reaction Technology	<div style="background-color: #cccccc; width: 100px; height: 15px;"></div>	Facility ID 43-010-701578
	3400 Bassett St., Santa Clara 95054		Status Submitted on 8/4/2020 2:29 PM

DOT Code/Fire Haz. Class	Common Name	Unit	Quantities			Annual Waste Amount	Federal Hazard Categories	Hazardous Components (For mixture only)		
			Max. Daily	Largest Cont.	Avg. Daily			Component Name	% Wt	EHS
DOT: 2.1 - Flammable Gases Flammable Gas	Hydrogen <u>CAS No</u> 1333-74-0	Gallons	1000	5000	4500	0	- Fire	Hydrogen Liquid Cryogenic	100 %	1333-74-0
		<u>State</u> Liquid	<u>Storage Container</u> Aboveground Tank		<u>Pressue</u> < Ambient	<u>Waste Code</u>				
		<u>Type</u> Pure	Days on Site: 365		<u>Temperature</u> Cryogenic					

Hazardous Materials And Wastes Inventory Matrix Report

CERS Business/Org.	Reaction Technology	Chemical Location	CERS ID 10124866
Facility Name	Reaction Technology	<div style="background-color: #cccccc; width: 150px; height: 20px;"></div>	Facility ID 43-010-701578
	3400 Bassett St., Santa Clara 95054		Status Submitted on 8/4/2020 2:29 PM

DOT Code/Fire Haz. Class	Common Name	Unit	Quantities			Annual Waste Amount	Federal Hazard Categories	Hazardous Components (For mixture only)		
			Max. Daily	Largest Cont.	Avg. Daily			Component Name	% Wt	EHS CAS No.
DOT: 8 - Corrosives (Liquids and Solids) Corrosive	Sodium Hydroxide 0.5-10% <u>CAS No</u> 1310-73-2	Gallons	15	300	10	- Physical Corrosive To Metal	Sodium Hydroxide	30 %	0-73-2	
		<u>State</u> Liquid	<u>Storage Container</u> Aboveground Tank		<u>Pressue</u> Ambient	<u>Waste Code</u> 121				
		<u>Type</u> Mixture	Days on Site: 365		<u>Temperature</u> Ambient					

LSA-Cleanpart

3530 Bassett Street

Not CalARP Regulated

Approximately 0.43 mile from site

2/23/21 Haz Mat Inventory

Hazardous Materials And Wastes Inventory Matrix Report

CERS Business/Org. LSA-Cleanpart Facility Name LSA-Cleanpart 3530 Bassett Street, Santa Clara 95054	Chemical Location <div style="border: 1px solid black; height: 20px; width: 100%;"></div>	CERS ID 10089526 Facility ID 43-010-114168 Status Submitted on 2/23/2021 2:25 PM
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DOT Code/Fire Haz. Class	Common Name	Unit	Quantities			Annual Waste Amount	Federal Hazard Categories	Hazardous Components (For mixture only)		
			Max. Daily	Largest Cont.	Avg. Daily			Component Name	% Wt	EHS
DOT: 9 - Misc. Hazardous Materials	Blaser 2000 CAS No	Gallons	65	55	55	- Health Skin Corrosion Irritation - Health Hazard Not Otherwise Classified	Sodium petroleum sulfonate 2-Methyl-pentane-2,4-diol 1-Phenoxpropan-2-ol	7 % 7 % 3 %	271-781-5 203-489-0 212-222-7	
		State Liquid Type Mixture	Storage Container Steel Drum Days on Site: 365		Pressue Ambient Temperature Ambient	Waste Code				

Hazardous Materials And Wastes Inventory Matrix Report

CERS Business/Org. LSA-Cleanpart	Chemical Location	CERS ID 10089526
Facility Name LSA-Cleanpart 3530 Bassett Street, Santa Clara 95054	[REDACTED]	Facility ID 43-010-114168
		Status Submitted on 2/23/2021 2:25 PM

DOT Code/Fire Haz. Class	Common Name	Unit	Quantities			Annual Waste Amount	Federal Hazard Categories	Hazardous Components (For mixture only)		
			Max. Daily	Largest Cont.	Avg. Daily			Component Name	% Wt	EHS
DOT: 2.2 - Nonflammable Gases Cryogen	Nitrogen, Liquid <u>CAS No</u> 7727-37-9	Gallons	183	61	122	- Physical Gas Under Pressure				
		<u>State</u> Liquid <u>Type</u> Pure	<u>Storage Container</u> Cylinder Days on Site: 365		<u>Pressue</u> Ambient <u>Temperature</u> Ambient	<u>Waste Code</u>				

Hazardous Materials And Wastes Inventory Matrix Report

CERS Business/Org. LSA-Cleanpart	Chemical Location	CERS ID 10089526
Facility Name LSA-Cleanpart	[Redacted]	Facility ID 43-010-114168
3530 Bassett Street, Santa Clara 95054		Status Submitted on 2/23/2021 2:25 PM

DOT Code/Fire Haz. Class	Common Name	Unit	Quantities			Annual Waste Amount	Federal Hazard Categories	Hazardous Components (For mixture only)		
			Max. Daily	Largest Cont.	Avg. Daily			Component Name	% Wt	EHS CAS No.
	ATTAR-C	Gallons	330	55	55		- Physical Hazard	1-Butoxy-2-Propanol	15 %	5131-66-8
	<u>CAS No</u>	<u>State</u>	<u>Storage Container</u>		<u>Pressue</u>	<u>Waste Code</u>	Not Otherwise Classified	C16-C18 Olefin blend	5 %	629-73-2
		Liquid	Plastic/Non-metalic Drum		Ambient		- Health Acute	Secondary Alcohol ethoxylate	5 %	84133-50-6
		<u>Type</u>			<u>Temperature</u>		Toxicity	Phosphate ester potassium salt	5 %	84133-50-6
		Mixture	Days on Site: 365		Ambient		- Health Skin			
							Corrosion			
							Irritation			

Hazardous Materials And Wastes Inventory Matrix Report

CERS Business/Org. LSA-Cleanpart	Chemical Location	CERS ID 10089526
Facility Name LSA-Cleanpart 3530 Bassett Street, Santa Clara 95054		Facility ID 43-010-114168
		Status Submitted on 2/23/2021 2:25 PM

DOT Code/Fire Haz. Class	Common Name	Unit	Quantities			Annual Waste Amount	Federal Hazard Categories	Hazardous Components (For mixture only)		
			Max. Daily	Largest Cont.	Avg. Daily			Component Name	% Wt	EHS CAS No.
DOT: 2.2 - Nonflammable Gases	Argon	Cu. Feet	2400	30	336		- Physical Gas Under Pressure	Argon	100 %	7440-37-1
	<u>CAS No</u> 7740-37-1	<u>State</u> Gas	<u>Storage Container</u> Cylinder		<u>Pressue</u>	<u>Waste Code</u>	- Physical Explosive - Health Hazard Not Otherwise Classified			
		<u>Type</u> Pure	Days on Site: 365		<u>Temperature</u> Ambient					

Hazardous Materials And Wastes Inventory Matrix Report

CERS Business/Org. LSA-Cleanpart Facility Name LSA-Cleanpart 3530 Bassett Street, Santa Clara 95054	Chemical Location <div style="border: 1px solid black; height: 20px; width: 100%;"></div>	CERS ID 10089526 Facility ID 43-010-114168 Status Submitted on 2/23/2021 2:25 PM
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DOT Code/Fire Haz. Class	Common Name	Unit	Quantities			Annual Waste Amount	Federal Hazard Categories	Hazardous Components (For mixture only)		
			Max. Daily	Largest Cont.	Avg. Daily			Component Name	% Wt	EHS
DOT: 2.2 - Nonflammable Gases	Helium	Cu. Feet	438	219	219		- Physical Gas	Helium	100 %	7440-59-7
	<u>CAS No</u> 7440-59-7	<u>State</u> Gas	<u>Storage Container</u> Cylinder		<u>Pressue</u> Ambient	<u>Waste Code</u>	Under Pressure			
		<u>Type</u> Pure	Days on Site: 365		<u>Temperature</u> Ambient		- Physical Explosive - Health Simple Asphyxiant			

Hazardous Materials And Wastes Inventory Matrix Report

CERS Business/Org. LSA-Cleanpart Facility Name LSA-Cleanpart 3530 Bassett Street, Santa Clara 95054	Chemical Location <div style="border: 1px solid black; width: 100px; height: 20px; margin: 0 auto;"></div>	CERS ID 10089526 Facility ID 43-010-114168 Status Submitted on 2/23/2021 2:25 PM
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DOT Code/Fire Haz. Class	Common Name	Unit	Quantities			Annual Waste Amount	Federal Hazard Categories	Hazardous Components (For mixture only)		
			Max. Daily	Largest Cont.	Avg. Daily			Component Name	% Wt	EHS CAS No.
DOT: 9 - Misc. Hazardous Materials Combustible Liquid, Class III-B	Hydraulic oil <small>CAS No 64742-52-5</small>	Gallons	110	55	55		- Physical Hazard Not Otherwise Classified - Health Skin Corrosion Irritation - Health Hazard Not Otherwise Classified	Distillates(petroleum) hydrotreated	95 %	64742-52-5
		<small>State</small> Liquid	<small>Storage Container</small> Steel Drum			<small>Pressue</small> Ambient	<small>Waste Code</small>			
		<small>Type</small> Mixture	Days on Site: 365			<small>Temperature</small> Ambient				
DOT: 2.1 - Flammable Gases Flammable Gas	Hydrogen <small>CAS No 1333-74-0</small>	Cu. Feet	1512	216	216		- Physical Flammable - Physical Gas Under Pressure - Physical Explosive - Health Simple Asphyxiant	Hydrogen	100 %	1333-74-0
		<small>State</small> Gas	<small>Storage Container</small> Cylinder			<small>Pressue</small> Ambient	<small>Waste Code</small>			
		<small>Type</small> Pure	Days on Site: 365			<small>Temperature</small>				
DOT: 9 - Misc. Hazardous Materials Combustible Liquid, Class III-B	Hyspin AWS 32 <small>CAS No Varies</small>	Gallons	110	55	55		- Physical Hazard Not Otherwise Classified - Health Hazard Not Otherwise Classified	Base oil - highly refined	100 %	Varies
		<small>State</small> Liquid	<small>Storage Container</small> Steel Drum			<small>Pressue</small> Ambient	<small>Waste Code</small>			
		<small>Type</small> Mixture	Days on Site: 365			<small>Temperature</small> Ambient				
	Oily Coolant <small>CAS No</small>	Gallons	330	55	55	715	- Physical Hazard Not Otherwise Classified - Health Hazard Not Otherwise Classified	Water Hydraulic oil	80 % 20 %	
		<small>State</small> Liquid	<small>Storage Container</small> Steel Drum			<small>Pressue</small> Ambient	<small>Waste Code</small> 223			
		<small>Type</small> Waste	Days on Site: 365			<small>Temperature</small> Ambient				

Hazardous Materials And Wastes Inventory Matrix Report

CERS Business/Org. LSA-Cleanpart	Chemical Location	CERS ID 10089526
Facility Name LSA-Cleanpart	<div style="border: 1px solid black; width: 150px; height: 20px;"></div>	Facility ID 43-010-114168
3530 Bassett Street, Santa Clara 95054		Status Submitted on 2/23/2021 2:25 PM

DOT Code/Fire Haz. Class	Common Name	Unit	Quantities			Annual Waste Amount	Federal Hazard Categories	Hazardous Components (For mixture only)		
			Max. Daily	Largest Cont.	Avg. Daily			Component Name	% Wt	EHS CAS No.
DOT: 2.1 - Flammable Gases	Liquefied Petroleum Gas (lpg)	Cu. Feet	200	100	100		- Physical	Propane	100 %	74-98-6
Flammable Gas	CAS No 74-98-6	State Gas	Storage Container Cylinder		Pressue Ambient	Waste Code	Flammable - Physical Gas Under Pressure - Physical Explosive - Health Skin Corrosion Irritation			
		Type Pure	Days on Site: 365		Ambient					

Hazardous Materials And Wastes Inventory Matrix Report

CERS Business/Org. LSA-Cleanpart	Chemical Location <div style="border: 1px solid black; width: 100px; height: 20px; margin: 0 auto;"></div>	CERS ID 10089526
Facility Name LSA-Cleanpart		Facility ID 43-010-114168
3530 Bassett Street, Santa Clara 95054		Status Submitted on 2/23/2021 2:25 PM

DOT Code/Fire Haz. Class	Common Name	Unit	Quantities			Annual Waste Amount	Federal Hazard Categories	Hazardous Components (For mixture only)		
			Max. Daily	Largest Cont.	Avg. Daily			Component Name	% Wt	EHS CAS No.
DOT: 2.2 - Nonflammable Gases	Oxygen	Cu. Feet	562	281	281		- Physical Gas	Nitrogen	64 %	7727-37-9
	<u>CAS No</u>	<u>State</u>	<u>Storage Container</u>		<u>Pressue</u>	<u>Waste Code</u>	Under Pressure	Oxygen	24 %	7782-44-7
Oxidizing, Class 2	7782-44-7	Gas	Cylinder		Ambient		- Physical	Methane	12 %	74-82-8
		<u>Type</u>			<u>Temperature</u>		Explosive			
		Mixture	Days on Site: 365		Ambient		- Health Simple			
							Asphyxiant			

Hazardous Materials And Wastes Inventory Matrix Report

CERS Business/Org. LSA-Cleanpart Facility Name LSA-Cleanpart 3530 Bassett Street, Santa Clara 95054	Chemical Location <div style="border: 1px solid black; height: 20px; width: 100%;"></div>	CERS ID 10089526 Facility ID 43-010-114168 Status Submitted on 2/23/2021 2:25 PM
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DOT Code/Fire Haz. Class	Common Name	Unit	Quantities			Annual Waste Amount	Federal Hazard Categories	Hazardous Components (For mixture only)		
			Max. Daily	Largest Cont.	Avg. Daily			Component Name	% Wt	EHS CAS No.
DOT: 2.2 - Nonflammable Gases	Nitrogen	Cu. Feet	912	304	304		- Physical Gas			
	<u>CAS No</u> 7727-37-9	<u>State</u> Gas	<u>Storage Container</u> Cylinder		<u>Pressue</u> Ambient	<u>Waste Code</u>	Under Pressure			
		<u>Type</u> Pure	Days on Site: 365		<u>Temperature</u> Ambient					

Intevac, Inc.

3580 Bassett Street

Not CalARP Regulated

Approximately 0.40 mile from site

10/29/20 Haz Mat Inventory

Hazardous Materials And Wastes Inventory Matrix Report

CERS Business/Org. **Intevac, Inc. (3580 Bassett St.)**
 Facility Name **Intevac, Inc.**
 3580 Bassett Street, Santa Clara 95054

Chemical Location

CERS ID **10084393**
 Facility ID **43-010-037473**
 Status **Submitted on 10/29/2020 1:52 PM**

DOT Code/Fire Haz. Class	Common Name	Unit	Quantities			Annual Waste Amount	Federal Hazard Categories	Hazardous Components (For mixture only)		
			Max. Daily	Largest Cont.	Avg. Daily			Component Name	% Wt	EHS CAS No.
DOT: 2.1 - Flammable Gases	HYDROGEN	Cu. Feet	38000	38000	30000		- Physical			
Flammable Gas	CAS No 1333-74-0	State Gas	Storage Container Aboveground Tank		Pressue < Ambient	Waste Code	Flammable			
		Type Pure	Days on Site: 365		Temperature Ambient		Under Pressure			
							- Physical			
							- Physical Hazard			
							- Physical			
							Explosive			
							- Physical Hazard			
							Not Otherwise			
							Classified			
							- Health Simple			
							Asphyxiant			
DOT: 2.2 - Nonflammable Gases	Nitrogen	Cu. Feet	291	291	291		- Physical Gas			
	CAS No 7727-37-9	State Gas	Storage Container Cylinder		Pressue > Ambient	Waste Code	Under Pressure			
		Type Pure	Days on Site: 365		Temperature Ambient		- Health Simple			
							Asphyxiant			

Hazardous Materials And Wastes Inventory Matrix Report

CERS Business/Org. **Intevac, Inc. (3580 Bassett St.)**
 Facility Name **Intevac, Inc.**
 3580 Bassett Street, Santa Clara 95054

Chemical Location

CERS ID **10084393**
 Facility ID **43-010-037473**
 Status **Submitted on 10/29/2020 1:52 PM**

DOT Code/Fire Haz. Class	Common Name	Unit	Quantities			Annual Waste Amount	Federal Hazard Categories	Hazardous Components (For mixture only)		
			Max. Daily	Largest Cont.	Avg. Daily			Component Name	% Wt	EHS CAS No.
DOT: 2.2 - Nonflammable Gases	NITROUS OXIDE CAS No 10024-97-2	Cu. Feet State Gas Type Pure	300 Storage Container Cylinder Days on Site: 365	300	300 Pressue > Ambient Temperature Ambient	0 Waste Code	- Physical Gas Under Pressure - Physical Oxidizer - Physical Hazard Not Otherwise Classified - Health Acute Toxicity - Health Reproductive Toxicity - Health Specific Target Organ Toxicity - Health Simple Asphyxiant			
DOT: 2.2 - Nonflammable Gases Oxidizing, Class 2	OXYGEN CAS No 7782-44-7	Cu. Feet State Gas Type Pure	337 Storage Container Cylinder Days on Site: 365	337	337 Pressue > Ambient Temperature Ambient	0 Waste Code	- Physical Gas Under Pressure - Physical Oxidizer - Physical Hazard Not Otherwise Classified			
DOT: 2.2 - Nonflammable Gases	SILANE 1.3% in Nitrogen CAS No	Cu. Feet State Gas Type Mixture	210 Storage Container Cylinder Days on Site: 365	210	210 Pressue < Ambient Temperature Ambient	0 Waste Code	- Physical Flammable - Physical Gas Under Pressure - Health Acute Toxicity - Health Simple Asphyxiant - Health Hazard Not Otherwise Classified	SILANE Nitrogen	1 % 99 %	7803-62-5 7727-37-9
DOT: 2.2 - Nonflammable Gases	SULFUR HEXAFLUORIDE CAS No 2551-62-4	Cu. Feet State Gas Type Pure	210 Storage Container Cylinder Days on Site: 365	210	210 Pressue > Ambient Temperature Ambient	0 Waste Code	- Physical Gas Under Pressure - Health Simple Asphyxiant			

Hazardous Materials And Wastes Inventory Matrix Report

CERS Business/Org. **Intevac, Inc. (3580 Bassett St.)**
 Facility Name **Intevac, Inc.**
 3580 Bassett Street, Santa Clara 95054

Chemical Location

CERS ID **10084393**
 Facility ID **43-010-037473**
 Status **Submitted on 10/29/2020 1:52 PM**

DOT Code/Fire Haz. Class	Common Name	Unit	Quantities			Annual Waste Amount	Federal Hazard Categories	Hazardous Components (For mixture only)		
			Max. Daily	Largest Cont.	Avg. Daily			Component Name	% Wt	EHS CAS No.
DOT: 2.2 - Nonflammable Gases	ARGON , COMPRESSED <u>CAS No</u> 7440-37-1	Cu. Feet	336	336	336		- Physical Gas Under Pressure - Health Simple Asphyxiant			
		<u>State</u> Gas	<u>Storage Container</u> Cylinder		<u>Pressue</u> > Ambient	<u>Waste Code</u>				
		<u>Type</u> Pure	Days on Site: 365		<u>Temperature</u> Ambient					
DOT: 2.2 - Nonflammable Gases	HELIUM <u>CAS No</u> 7440-59-7	Cu. Feet	291	291	291		- Physical Gas Under Pressure - Physical Hazard Not Otherwise Classified - Health Simple Asphyxiant			
		<u>State</u> Gas	<u>Storage Container</u> Cylinder		<u>Pressue</u> > Ambient	<u>Waste Code</u>				
		<u>Type</u> Pure	Days on Site: 365		<u>Temperature</u> Ambient					
DOT: 2.1 - Flammable Gases	HYDROGEN (10%) IN NITROGEN <u>CAS No</u> 1333-74-0	Cu. Feet	211	211	211		- Physical Gas Under Pressure - Physical Hazard Not Otherwise Classified - Health Simple Asphyxiant	HYDROGEN NITROGEN	10 % 90 %	1333-74-0 7727-37-9
Flammable Gas		<u>State</u> Gas	<u>Storage Container</u> Cylinder		<u>Pressue</u> > Ambient	<u>Waste Code</u>				
		<u>Type</u> Mixture	Days on Site: 365		<u>Temperature</u> Ambient					
DOT: 2.2 - Nonflammable Gases	NITROUS OXIDE <u>CAS No</u> 10024-97-2	Cu. Feet	300	300	300	0	- Physical Gas Under Pressure - Physical Oxidizer - Physical Hazard Not Otherwise Classified - Health Acute Toxicity - Health Reproductive Toxicity - Health Specific Target Organ Toxicity - Health Simple Asphyxiant			
		<u>State</u> Gas	<u>Storage Container</u> Cylinder		<u>Pressue</u> > Ambient	<u>Waste Code</u>				
		<u>Type</u> Pure	Days on Site: 365		<u>Temperature</u> Ambient					
DOT: 2.2 - Nonflammable Gases	Octafluorocyclobutane <u>CAS No</u> 115-25-3	Cu. Feet	200	200	200		- Physical Gas Under Pressure - Health Simple Asphyxiant	Octafluorocyclobutane	100 %	115-25-3
		<u>State</u> Gas	<u>Storage Container</u> Cylinder		<u>Pressue</u> Ambient	<u>Waste Code</u>				
		<u>Type</u> Pure	Days on Site: 365		<u>Temperature</u> Ambient					

Hazardous Materials And Wastes Inventory Matrix Report

CERS Business/Org. Intevac, Inc. (3580 Bassett St.) Facility Name Intevac, Inc. 3580 Bassett Street, Santa Clara 95054	Chemical Location <div style="border: 1px solid black; height: 20px; width: 100%;"></div>	CERS ID 10084393 Facility ID 43-010-037473 Status Submitted on 10/29/2020 1:52 PM
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DOT Code/Fire Haz. Class	Common Name	Unit	Quantities			Annual Waste Amount	Federal Hazard Categories	Hazardous Components (For mixture only)		
			Max. Daily	Largest Cont.	Avg. Daily			Component Name	% Wt	EHS CAS No.
DOT: 5.1 - Oxidizing Substances Oxidizing, Class 2	OXYGEN <small>CAS No 7782-44-7</small>	Cu. Feet <small>State Gas Type Pure</small> Cylinder Days on Site: 365	337	337	337 <small>Pressue < Ambient Temperature Ambient</small>	 Waste Code 	- Physical Gas Under Pressure - Physical Oxidizer - Physical Hazard Not Otherwise Classified			
DOT: 2.2 - Nonflammable Gases	SILANE 1-2% IN HELIUM <small>CAS No</small>	Cu. Feet <small>State Gas Type Mixture</small> Cylinder Days on Site: 365	196	196	196 <small>Pressue < Ambient Temperature Ambient</small>	 Waste Code 	- Physical Flammable - Physical Gas Under Pressure - Health Acute Toxicity - Health Simple Asphyxiant - Health Hazard Not Otherwise Classified	SILANE HELIUM	10 % 90 %	✓ 7803-62-5 7440-59-7
DOT: 2.2 - Nonflammable Gases	Sulfur Hexafluoride <small>CAS No 2551-62-4</small>	Cu. Feet <small>State Gas Type Pure</small> Cylinder Days on Site: 365	210	210	210 <small>Pressue > Ambient Temperature Ambient</small>	 Waste Code 	- Physical Gas Under Pressure - Health Simple Asphyxiant			
DOT: 2.2 - Nonflammable Gases	TETRAFLUOROMETHANE <small>CAS No 75-73-0</small>	Cu. Feet <small>State Gas Type Pure</small> Cylinder Days on Site: 365	200	200	200 <small>Pressue > Ambient Temperature Ambient</small>	 Waste Code 	- Physical Gas Under Pressure - Physical Hazard Not Otherwise Classified - Health Simple Asphyxiant			

Hazardous Materials And Wastes Inventory Matrix Report

CERS Business/Org. **Intevac, Inc. (3580 Bassett St.)**
 Facility Name **Intevac, Inc.**
 3580 Bassett Street, Santa Clara 95054

Chemical Location

CERS ID **10084393**
 Facility ID **43-010-037473**
 Status **Submitted on 10/29/2020 1:52 PM**

DOT Code/Fire Haz. Class	Common Name	Unit	Quantities			Annual Waste Amount	Federal Hazard Categories	Hazardous Components (For mixture only)			
			Max. Daily	Largest Cont.	Avg. Daily			Component Name	% Wt	EHS	CAS No.
DOT: 2.2 - Nonflammable Gases	Forming Gas	Cu. Feet	250	250	250	0	- Physical Gas Under Pressure - Health Simple Asphyxiant	Hydrogen Nitrogen	4 % 96 %	✓ ✓	1333-74-0 7727-37-9
	<u>CAS No</u>	<u>State</u>	<u>Storage Container</u>		<u>Pressue</u>	<u>Waste Code</u>					
		Gas	Cylinder		> Ambient						
		<u>Type</u>			<u>Temperature</u>						
		Mixture	Days on Site: 365		Ambient						
DOT: 2.2 - Nonflammable Gases	SILANE 1.3% in Nitrogen	Cu. Feet	210	210	210	0	- Physical Flammable Under Pressure - Health Acute Toxicity - Health Simple Asphyxiant - Health Hazard Not Otherwise Classified	SILANE Nitrogen	1 % 99 %		7803-62-5 7727-37-9
	<u>CAS No</u>	<u>State</u>	<u>Storage Container</u>		<u>Pressue</u>	<u>Waste Code</u>					
		Gas	Cylinder		< Ambient						
		<u>Type</u>			<u>Temperature</u>						
		Mixture	Days on Site: 365		Ambient						

Hazardous Materials And Wastes Inventory Matrix Report

CERS Business/Org. Intevac, Inc. (3580 Bassett St.)	Chemical Location	CERS ID 10084393
Facility Name Intevac, Inc.		Facility ID 43-010-037473
3580 Bassett Street, Santa Clara 95054		Status Submitted on 10/29/2020 1:52 PM

DOT Code/Fire Haz. Class	Common Name	Unit	Quantities			Annual Waste Amount	Federal Hazard Categories	Hazardous Components (For mixture only)		
			Max. Daily	Largest Cont.	Avg. Daily			Component Name	% Wt	EHS CAS No.
DOT: 2.2 - Nonflammable Gases	Helium	Cu. Feet	250	250	250		- Physical Gas			
	<u>CAS No</u>	<u>State</u>	<u>Storage Container</u>		<u>Pressue</u>	<u>Waste Code</u>	Under Pressure			
	7440-59-7	Gas	Cylinder		Ambient		- Physical Hazard			
		<u>Type</u>			<u>Temperature</u>		Not Otherwise Classified			
		Pure	Days on Site: 365		Ambient		- Health Simple Asphyxiant			

Hazardous Materials And Wastes Inventory Matrix Report

CERS Business/Org. Intevac, Inc. (3580 Bassett St.) Facility Name Intevac, Inc. 3580 Bassett Street, Santa Clara 95054	Chemical Location <div style="border: 1px solid black; height: 30px; width: 100%;"></div>	CERS ID 10084393 Facility ID 43-010-037473 Status Submitted on 10/29/2020 1:52 PM
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DOT Code/Fire Haz. Class	Common Name	Unit	Quantities			Annual Waste Amount	Federal Hazard Categories	Hazardous Components (For mixture only)		
			Max. Daily	Largest Cont.	Avg. Daily			Component Name	% Wt	EHS
DOT: 2.2 - Nonflammable Gases	NITROGEN	Cu. Feet	250	250	250	0	- Physical Gas Under Pressure - Health Simple Asphyxiant			
	<u>CAS No</u> 7727-37-9	<u>State</u> Gas	<u>Storage Container</u> Cylinder		<u>Pressue</u> Ambient	<u>Waste Code</u>				
		<u>Type</u> Pure	Days on Site: 365		<u>Temperature</u> Ambient					

Hazardous Materials And Wastes Inventory Matrix Report

CERS Business/Org. Intevac, Inc. (3580 Bassett St.) Facility Name Intevac, Inc. 3580 Bassett Street, Santa Clara 95054	Chemical Location <div style="border: 1px solid black; height: 30px; width: 100%;"></div>	CERS ID 10084393 Facility ID 43-010-037473 Status Submitted on 10/29/2020 1:52 PM
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DOT Code/Fire Haz. Class	Common Name	Unit	Quantities			Annual Waste Amount	Federal Hazard Categories	Hazardous Components (For mixture only)		
			Max. Daily	Largest Cont.	Avg. Daily			Component Name	% Wt	EHS
DOT: 2.2 - Nonflammable Gases	ARGON , COMPRESSED	Cu. Feet	300	300	300		- Physical Gas Under Pressure			
	<u>CAS No</u> 7440-37-1	<u>State</u> Gas	<u>Storage Container</u> Cylinder		<u>Pressue</u> > Ambient	<u>Waste Code</u>	- Health Simple Asphyxiant			
		<u>Type</u> Pure	Days on Site: 365		<u>Temperature</u> Ambient					
DOT: 2.3 - Toxic Gases	FLUORINE 5% IN HELIUM	Pounds	2	2	2		- Physical Gas Under Pressure	FLUORINE HELIUM	5 % 95 %	✓ 7782-41-4 7440-59-7
Toxic, Oxidizing, Class 2, Corrosive	<u>CAS No</u> 7782-41-4	<u>State</u> Gas	<u>Storage Container</u> Cylinder		<u>Pressue</u> > Ambient	<u>Waste Code</u>	- Physical Oxidizer			
	✓ EHS	<u>Type</u> Mixture	Days on Site: 365		<u>Temperature</u> Ambient		- Physical Corrosive To Metal - Health Acute Toxicity - Health Skin Corrosion Irritation - Health Serious Eye Damage Eye Irritation - Health Hazard Not Otherwise Classified			
DOT: 2.2 - Nonflammable Gases	HELIUM	Cu. Feet	300	300	300		- Physical Gas Under Pressure			
	<u>CAS No</u> 7440-59-7	<u>State</u> Gas	<u>Storage Container</u> Cylinder		<u>Pressue</u> > Ambient	<u>Waste Code</u>	- Physical Hazard Not Otherwise Classified			
		<u>Type</u> Pure	Days on Site: 365		<u>Temperature</u> Ambient		- Health Simple Asphyxiant			
	KRYPTON	Cu. Feet	750	750	750		- Physical Gas Under Pressure			
	<u>CAS No</u> 7439-90-9	<u>State</u> Gas	<u>Storage Container</u> Cylinder		<u>Pressue</u> > Ambient	<u>Waste Code</u>	- Health Simple Asphyxiant			
		<u>Type</u> Pure	Days on Site: 365		<u>Temperature</u> Ambient					
	NEON	Cu. Feet	200	200	200		- Physical Gas Under Pressure			
	<u>CAS No</u> 7740-01-9	<u>State</u> Gas	<u>Storage Container</u> Cylinder		<u>Pressue</u> > Ambient	<u>Waste Code</u>	- Health Simple Asphyxiant			
		<u>Type</u> Pure	Days on Site: 365		<u>Temperature</u> Ambient					
DOT: 2.2 - Nonflammable Gases	NITROGEN	Cu. Feet	300	300	300	0	- Physical Gas Under Pressure			
	<u>CAS No</u> 7727-37-9	<u>State</u> Gas	<u>Storage Container</u> Cylinder		<u>Pressue</u> > Ambient	<u>Waste Code</u>	- Health Simple Asphyxiant			
		<u>Type</u> Pure	Days on Site: 365		<u>Temperature</u> Ambient					

Hazardous Materials And Wastes Inventory Matrix Report

CERS Business/Org. Intevac, Inc. (3580 Bassett St.) Facility Name Intevac, Inc. 3580 Bassett Street, Santa Clara 95054	Chemical Location <div style="border: 1px solid black; height: 20px; width: 100%;"></div>	CERS ID 10084393 Facility ID 43-010-037473 Status Submitted on 10/29/2020 1:52 PM
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DOT Code/Fire Haz. Class	Common Name	Unit	Quantities			Annual Waste Amount	Federal Hazard Categories	Hazardous Components (For mixture only)		
			Max. Daily	Largest Cont.	Avg. Daily			Component Name	% Wt	EHS CAS No.
DOT: 9 - Misc. Hazardous Materials	ANIONIC POLYACRYLAMIDE	Gallons	110	100	100	0			100 %	
	<u>CAS No</u> 52085-02-3	<u>State</u> Solid	<u>Storage Container</u> Plastic/Non-metalic Drum		<u>Pressue</u> Ambient	<u>Waste Code</u>				
		<u>Type</u> Mixture	Days on Site: 365		<u>Temperature</u> Ambient					
DOT: 3 - Flammable and Combustible Liquids	DIESEL	Gallons	180	180	150		- Physical Combustible Dust	FUELS, DIESEL, NO. 2	100 %	
	<u>CAS No</u> 68334-30-5	<u>State</u> Liquid	<u>Storage Container</u> Aboveground Tank		<u>Pressue</u> Ambient	<u>Waste Code</u> 331	- Health Carcinogenicity	GAS OIL, LIGHT HYDRODESULFURIZED MIDDLE	0 % 0 %	64741-44-2 64742-80-9
		<u>Type</u> Pure	Days on Site: 365		<u>Temperature</u> Ambient		- Health Specific Target Organ Toxicity - Health Hazard Not Otherwise Classified	DISTILLATE		
DOT: 8 - Corrosives (Liquids and Solids)	FERRIC CHLORIDE 40% SOLUTION	Gallons	115	60	115		- Physical Corrosive To Metal	FERRIC CHLORIDE HYDROCHLORIC ACID	40 % 5 %	7705-08-0 7647-21-0
Corrosive	<u>CAS No</u> 7705-08-0	<u>State</u> Liquid	<u>Storage Container</u> Plastic/Non-metalic Drum		<u>Pressue</u> Ambient	<u>Waste Code</u> 792	- Physical Hazard Not Otherwise Classified	WATER	55 %	7732-18-5
		<u>Type</u> Mixture	Days on Site: 365		<u>Temperature</u> Ambient		- Health Skin Corrosion Irritation - Health Specific Target Organ Toxicity			
DOT: 8 - Corrosives (Liquids and Solids)	Sodium Hydroxide Solid	Gallons	55	55	55		- Physical Corrosive To Metal			
Corrosive, Toxic, Water Reactive, Class 1	<u>CAS No</u> 1310-73-2	<u>State</u> Liquid	<u>Storage Container</u> Plastic/Non-metalic Drum		<u>Pressue</u> Ambient	<u>Waste Code</u>	- Health Skin Corrosion Irritation			
		<u>Type</u> Mixture	Days on Site: 365		<u>Temperature</u> Ambient		- Health Serious Eye Damage Eye Irritation - Health Specific Target Organ Toxicity			

Hazardous Materials And Wastes Inventory Matrix Report

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Chemical Location

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DOT Code/Fire Haz. Class	Common Name	Unit	Quantities			Annual Waste Amount	Federal Hazard Categories	Hazardous Components (For mixture only)		
			Max. Daily	Largest Cont.	Avg. Daily			Component Name	% Wt	EHS CAS No.
DOT: 8 - Corrosives (Liquids and Solids) Corrosive	SODIUM HYPOCHLORITE >12.5%-15% CAS No 7681-52-9	Gallons State Liquid Type Pure	55 Storage Container Plastic/Non-metalic Drum Days on Site: 365	55	55	55 Pressue Ambient Temperature Ambient	- Physical Corrosive To Metal - Health Acute Toxicity - Health Skin Corrosion Irritation - Health Serious Eye Damage Eye Irritation			
DOT: 8 - Corrosives (Liquids and Solids) Corrosive, Water Reactive, Class 2, Toxic, Oxidizing, Class 1	SULFURIC ACID CAS No <input checked="" type="checkbox"/> EHS 7664-93-9	Pounds State Liquid Type Pure	918 Storage Container Aboveground Tank Days on Site: 365	918	918	918 Pressue Ambient Temperature Ambient	- Physical Corrosive To Metal - Health Skin Corrosion Irritation - Health Serious Eye Damage Eye Irritation			
DOT: 8 - Corrosives (Liquids and Solids) Corrosive, Water Reactive, Class 1, Toxic	SULFURIC ACID 50-91% CAS No <input checked="" type="checkbox"/> EHS 7664-93-9	Pounds State Liquid Type Mixture	841.5 Storage Container Plastic/Non-metalic Drum Days on Site: 365	841.5	841.5	841.5 Pressue Ambient Temperature Ambient	- Physical Corrosive To Metal - Health Skin Corrosion Irritation - Health Serious Eye Damage Eye Irritation	Sulfuric Acid	96 %	<input checked="" type="checkbox"/> 7644-93-9

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DOT Code/Fire Haz. Class	Common Name	Unit	Quantities			Annual Waste Amount	Federal Hazard Categories	Hazardous Components (For mixture only)		
			Max. Daily	Largest Cont.	Avg. Daily			Component Name	% Wt	EHS CAS No.
DOT: 3 - Flammable and Combustible Liquids	1165 <u>CAS No</u>	Gallons	12	1	10		- Physical Hazard Not Otherwise Classified	1-methyl-2-pyrrolidinone	99 %	872-50-4
Combustible Liquid, Class III-A		<u>State</u> Liquid <u>Type</u> Mixture	<u>Storage Container</u> Plastic Bottle or Jug Days on Site: 365		<u>Pressue</u> Ambient <u>Temperature</u> Ambient	<u>Waste Code</u>	- Health Specific Target Organ Toxicity - Health Hazard Not Otherwise Classified			
DOT: 3 - Flammable and Combustible Liquids	2 PROPANOL <u>CAS No</u> 67-63-0	Gallons	20	1	16		- Physical Flammable - Health Acute Toxicity			
Flammable Liquid, Class I-B		<u>State</u> Liquid <u>Type</u> Pure	<u>Storage Container</u> Plastic Bottle or Jug Days on Site: 365		<u>Pressue</u> Ambient <u>Temperature</u> Ambient	<u>Waste Code</u> 212				
DOT: 3 - Flammable and Combustible Liquids	ACETONE <u>CAS No</u> 67-64-1	Gallons	20	1	17		- Physical Flammable - Health Acute Toxicity - Health Serious Eye Damage Eye Irritation - Health Specific Target Organ Toxicity			
	ETHYLENE GLYCOL <u>CAS No</u> 107-21-1	Gallons	5	5	5	0	- Physical Hazard Not Otherwise Classified - Health Reproductive Toxicity			
		<u>State</u> Liquid <u>Type</u> Pure	<u>Storage Container</u> Plastic Bottle or Jug Days on Site: 365		<u>Pressue</u> Ambient <u>Temperature</u> Ambient	<u>Waste Code</u>				

Hazardous Materials And Wastes Inventory Matrix Report

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DOT Code/Fire Haz. Class	Common Name	Unit	Quantities			Annual Waste Amount	Federal Hazard Categories	Hazardous Components (For mixture only)		
			Max. Daily	Largest Cont.	Avg. Daily			Component Name	% Wt	EHS CAS No.
DOT: 3 - Flammable and Combustible Liquids Flammable Liquid, Class I-B, Corrosive, Unstable (Reactive), Class 2, Water Reactive, Class 1	Hexamethyl Disilazane (HMDS) <u>CAS No</u> 999-97-3	Gallons <u>State</u> Liquid <u>Type</u> Pure	0.12 <u>Storage Container</u> Glass Bottle or Jug	0.02	0.1 <u>Pressue</u> Ambient <u>Temperature</u> Ambient		- Physical Flammable - Physical Corrosive To Metal - Physical Hazard Not Otherwise Classified - Health Acute Toxicity - Health Skin Corrosion Irritation - Health Serious Eye Damage Eye Irritation - Health Hazard Not Otherwise Classified			
DOT: 3 - Flammable and Combustible Liquids Flammable Liquid, Class I-C	LOR 5A Resist <u>CAS No</u>	Gallons <u>State</u> Liquid <u>Type</u> Mixture	0.26 <u>Storage Container</u> Glass Bottle or Jug	0.26	0.26 <u>Pressue</u> Ambient <u>Temperature</u> < Ambient		- Physical Flammable - Physical Hazard Not Otherwise Classified	Cyclopentanone 1-methoxy-2-propanol Polyaliphatic imide copolymer	90 % 5 % 5 %	120-92-3 107-98-2 102322-80-5
DOT: 9 - Misc. Hazardous Materials	MF-319 Developer <u>CAS No</u>	Gallons <u>State</u> Liquid <u>Type</u> Mixture	8 <u>Storage Container</u> Plastic Bottle or Jug	1	6 <u>Pressue</u> Ambient <u>Temperature</u> Ambient		- Physical Hazard Not Otherwise Classified - Health Specific Target Organ Toxicity - Health Hazard Not Otherwise Classified	Tetramethylammonium hydroxide Surfactant	2 % 1 %	5-59-2
DOT: 9 - Misc. Hazardous Materials Combustible Liquid, Class II	Microposit Surface Coating FSC-MG <u>CAS No</u>	Gallons <u>State</u> Liquid <u>Type</u> Mixture	1 <u>Storage Container</u> Glass Bottle or Jug	1	1 <u>Pressue</u> Ambient <u>Temperature</u> < Ambient		- Physical Hazard Not Otherwise Classified - Health Specific Target Organ Toxicity	Electronic grade propylene glycol monomethyl Mixed cresol novolak resin	70 % 30 %	108-65-6

Hazardous Materials And Wastes Inventory Matrix Report

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3580 Bassett Street, Santa Clara 95054		Status Submitted on 10/29/2020 1:52 PM

DOT Code/Fire Haz. Class	Common Name	Unit	Quantities			Annual Waste Amount	Federal Hazard Categories	Hazardous Components (For mixture only)		
			Max. Daily	Largest Cont.	Avg. Daily			Component Name	% Wt	EHS CAS No.
DOT: 3 - Flammable and Combustible Liquids	Strip Aid	Gallons	6	1	5		- Physical Hazard Not Otherwise Classified	1,2-Benzenedicarboxylic Acid, DI (C7) Ester		68515-44-6
Combustible Liquid, Class III-B	<u>CAS No</u>	<u>State</u>	<u>Storage Container</u>		<u>Pressure</u>	<u>Waste Code</u>	- Health Skin	1,2-Benzenedicarboxylic Acid, DI (C9) Ester		68515-45-7
		<u>Type</u>	Plastic Bottle or Jug		<u>Temperature</u>		Corrosion	1,2-Benzenedicarboxylic Acid, DI (C11) Ester		85507-79-5
		Mixture	Days on Site: 365		Ambient		Irritation	1,2-Benzenedicarboxylic Acid, DI (C7, C9) Ester		111381-89-6
								1,2-Benzenedicarboxylic Acid, DI (C7, C11) Ester		111381-90-9

Hazardous Materials And Wastes Inventory Matrix Report

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DOT Code/Fire Haz. Class	Common Name	Unit	Quantities			Annual Waste Amount	Federal Hazard Categories	Hazardous Components (For mixture only)		
			Max. Daily	Largest Cont.	Avg. Daily			Component Name	% Wt	EHS CAS No.
DOT: 8 - Corrosives (Liquids and Solids)	AMMONIUM HYDROXIDE 29% <u>CAS No</u> 7664-41-7	Gallons <u>State</u> Liquid <u>Type</u> Mixture	8 <u>Storage Container</u> Plastic Bottle or Jug Days on Site: 365	1	7 <u>Pressue</u> Ambient <u>Temperature</u> Ambient		- Physical Corrosive To Metal - Health Acute Toxicity - Health Skin Corrosion Irritation - Health Respiratory Skin Sensitization - Health Serious Eye Damage Eye Irritation - Health Specific Target Organ Toxicity			
DOT: 3 - Flammable and Combustible Liquids Flammable Liquid, Class I-C	AZ 1518 Photoresist <u>CAS No</u>	Gallons <u>State</u> Liquid <u>Type</u> Mixture	1 <u>Storage Container</u> Glass Bottle or Jug Days on Site: 365	1	1 <u>Pressue</u> Ambient <u>Temperature</u> < Ambient		- Physical Flammable - Health Acute Toxicity - Health Skin Corrosion Irritation - Health Specific Target Organ Toxicity - Health Hazard Not Otherwise Classified	1-methoxy-2-propanol acetate	71 %	000108-65-6
DOT: 8 - Corrosives (Liquids and Solids) Corrosive	CR-7S <u>CAS No</u>	Gallons <u>State</u> Liquid <u>Type</u> Mixture	3 <u>Storage Container</u> Plastic Bottle or Jug Days on Site: 365	1	2 <u>Pressue</u> Ambient <u>Temperature</u> Ambient		- Physical Corrosive To Metal - Health Skin Corrosion Irritation - Health Serious Eye Damage Eye Irritation	Cerate(2-), hexakis(nitrato-kO) -,diammonium, (OC-6-11)- Perchloric Acid	8 % 7 %	16774-21-3 7601-90-3

Hazardous Materials And Wastes Inventory Matrix Report

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DOT Code/Fire Haz. Class	Common Name	Unit	Quantities			Annual Waste Amount	Federal Hazard Categories	Hazardous Components (For mixture only)		
			Max. Daily	Largest Cont.	Avg. Daily			Component Name	% Wt	EHS CAS No.
DOT: 8 - Corrosives (Liquids and Solids)	Hydrochloric Acid 37%	Gallons	4	1	4		- Physical Corrosive To Metal	Hydrochloric Acid	37 %	7647-01-0
Corrosive	CAS No 7647-01-0	State Liquid	Storage Container Plastic Bottle or Jug		Pressue Ambient	Waste Code	- Physical Hazard Not Otherwise Classified - Health Acute Toxicity - Health Skin Corrosion Irritation - Health Serious Eye Damage Eye Irritation - Health Specific Target Organ Toxicity			
		Type Mixture	Days on Site: 365		Temperature Ambient					
DOT: 5.1 - Oxidizing Substances	HYDROGEN PEROXIDE 30%	Gallons	12	1	6		- Physical Oxidizer			
Oxidizing, Class 2	CAS No 7722-84-1	State Liquid	Storage Container Plastic Bottle or Jug		Pressue Ambient	Waste Code	- Physical Corrosive To Metal - Health Acute Toxicity - Health Skin Corrosion Irritation - Health Serious Eye Damage Eye Irritation			
		Type Mixture	Days on Site: 365		Temperature Ambient					
DOT: 5.1 - Oxidizing Substances	NANOSTRIP (Sulfuric Acid 90%)	Pounds	66.4	8.3	41.5		- Physical Oxidizer	SULFURIC ACID 50-91%	90 %	✓ 7664-93-9
Corrosive, Oxidizing, Class 3	CAS No 7664-93-9	State Liquid	Storage Container Plastic Bottle or Jug		Pressue Ambient	Waste Code	- Physical Corrosive To Metal - Physical Hazard Not Otherwise Classified - Health Acute Toxicity - Health Skin Corrosion Irritation - Health Serious Eye Damage Eye Irritation	HYDROGEN PEROXIDE	1 %	7722-84-1
		Type Mixture	Days on Site: 365		Temperature Ambient			Peroxymonosulfuric Acid	5 %	772-86-3

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DOT Code/Fire Haz. Class	Common Name	Unit	Quantities			Annual Waste Amount	Federal Hazard Categories	Hazardous Components (For mixture only)		
			Max. Daily	Largest Cont.	Avg. Daily			Component Name	% Wt	EHS CAS No.
DOT: 8 - Corrosives (Liquids and Solids)	NITRIC ACID 70%	Pounds	112	7	11		- Physical Oxidizer			
Corrosive	CAS No <input checked="" type="checkbox"/> EHS 7697-37-2	State Liquid	Storage Container Glass Bottle or Jug		Pressue Ambient	Waste Code	- Physical Corrosive To Metal - Physical Hazard Not Otherwise Classified - Health Skin Corrosion Irritation - Health Serious Eye Damage Eye Irritation - Health Specific Target Organ Toxicity			
DOT: 8 - Corrosives (Liquids and Solids)	PEH-3 Chrome Mask Pre-Etch	Gallons	3	1	2		- Physical Hazard Not Otherwise Classified - Health Acute Toxicity - Health Skin Corrosion Irritation - Health Serious Eye Damage Eye Irritation - Health Specific Target Organ Toxicity	Hydrochloric Acid	5 %	7647-01-0
Corrosive	CAS No	State Liquid	Storage Container Plastic Bottle or Jug		Pressue Ambient	Waste Code				
DOT: 8 - Corrosives (Liquids and Solids)	Phosphoric Acid 85%	Pounds	70	14	56		- Physical Corrosive To Metal - Health Skin Corrosion Irritation - Health Serious Eye Damage Eye Irritation	Phosphoric Acid	85 %	7664-38-2
Corrosive	CAS No 7664-38-2	State Liquid	Storage Container Plastic Bottle or Jug		Pressue Ambient	Waste Code				
		Mixture	Days on Site: 365		Temperature Ambient					

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DOT Code/Fire Haz. Class	Common Name	Unit	Quantities			Annual Waste Amount	Federal Hazard Categories	Hazardous Components (For mixture only)		
			Max. Daily	Largest Cont.	Avg. Daily			Component Name	% Wt	EHS CAS No.
DOT: 5.1 - Oxidizing Substances	POTASSIUM PERMANGANATE	Pounds	2.2	1.1	2.2	0	- Physical Oxidizer			
	<u>CAS No</u> 7722-64-7	<u>State</u> Solid	<u>Storage Container</u> Glass Bottle or Jug		<u>Pressue</u> Ambient	<u>Waste Code</u>	- Physical Hazard Not Otherwise Classified			
		<u>Type</u> Pure	Days on Site: 365		<u>Temperature</u> Ambient		- Health Acute Toxicity - Health Skin Corrosion Irritation - Health Serious Eye Damage Eye Irritation - Health Specific Target Organ Toxicity			
DOT: 6.1 - Toxic Substances	RSE 011	Pounds	332	8.3	232.4		- Physical Corrosive To	Hydrofluoric Acid Acetic Acid	25 % 50 %	✓ 7664-39-3 64-19-7
Highly Toxic, Corrosive	<u>CAS No</u>	<u>State</u>	<u>Storage Container</u>		<u>Pressue</u>	<u>Waste Code</u>	Metal			
		<u>Type</u>	Plastic Bottle or Jug		<u>Temperature</u>		- Physical Hazard Not Otherwise Classified			
		<u>Mixture</u>	Days on Site: 365		<u>Ambient</u>		- Health Acute Toxicity - Health Skin Corrosion Irritation - Health Serious Eye Damage Eye Irritation - Health Specific Target Organ Toxicity			

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 Status **Submitted on 10/29/2020 1:52 PM**

DOT Code/Fire Haz. Class	Common Name	Unit	Quantities			Annual Waste Amount	Federal Hazard Categories	Hazardous Components (For mixture only)		
			Max. Daily	Largest Cont.	Avg. Daily			Component Name	% Wt	EHS CAS No.
DOT: 8 - Corrosives (Liquids and Solids) Toxic, Corrosive	RSE 018	Pounds	166	8.3	116.2		- Physical Corrosive To Metal	Hydrofluoric Acid	6 %	<input checked="" type="checkbox"/> 7664-39-3
	CAS No <input checked="" type="checkbox"/> EHS	State	Storage Container	Pressue	Waste Code		- Physical Hazard Not Otherwise Classified - Health Acute Toxicity - Health Skin Corrosion Irritation - Health Serious Eye Damage Eye Irritation - Health Specific Target Organ Toxicity	Acetic Acid	89 %	64-19-7
		Liquid	Plastic Bottle or Jug	Ambient						
		Type	Days on Site: 365	Temperature						
		Mixture		Ambient						
DOT: 8 - Corrosives (Liquids and Solids) Corrosive, Water Reactive, Class 1, Toxic	SULFURIC ACID 96%	Pounds	122.4	15.3	76.5		- Physical Corrosive To Metal	Sulfuric Acid	96 %	<input checked="" type="checkbox"/> 7644-93-9
	CAS No <input checked="" type="checkbox"/> EHS	State	Storage Container	Pressue	Waste Code		- Health Skin Corrosion Irritation - Health Serious Eye Damage Eye Irritation			
		Liquid	Plastic Bottle or Jug	Ambient	791					
		Type	Days on Site: 365	Temperature						
		Mixture		Ambient						

Hazardous Materials And Wastes Inventory Matrix Report

CERS Business/Org. Intevac, Inc. (3580 Bassett St.) Facility Name Intevac, Inc. 3580 Bassett Street, Santa Clara 95054	Chemical Location <div style="border: 1px solid black; height: 20px; width: 100%;"></div>	CERS ID 10084393 Facility ID 43-010-037473 Status Submitted on 10/29/2020 1:52 PM
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DOT Code/Fire Haz. Class	Common Name	Unit	Quantities			Annual Waste Amount	Federal Hazard Categories	Hazardous Components (For mixture only)		
			Max. Daily	Largest Cont.	Avg. Daily			Component Name	% Wt	EHS
DOT: 9 - Misc. Hazardous Materials	Arsenic Sludge w/ Ferric Arsenite	Pounds	1350	400	400	4275	- Health Acute Toxicity	Arsenic		7784-42-1
	<u>CAS No</u>	<u>State</u>	<u>Storage Container</u>	<u>Pressue</u>	<u>Waste Code</u>		- Health Specific Target Organ Toxicity	Ferric Arsenite		63989-69-5
	7784-42-1	Solid	Steel Drum	Ambient	181					
		<u>Type</u>	Waste	Days on Site: 365	Ambient					
DOT: 8 - Corrosives (Liquids and Solids) Corrosive	Debris with Acids and Metals	Pounds	300	200	200	1005	- Physical Corrosive To Metal			
	<u>CAS No</u>	<u>State</u>	<u>Storage Container</u>	<u>Pressue</u>	<u>Waste Code</u>		- Physical Hazard Not Otherwise Classified			
		Solid	Steel Drum	Ambient			- Health Acute Toxicity			
		<u>Type</u>	Waste	Days on Site: 365	Ambient		- Health Skin Corrosion Irritation			
DOT: 8 - Corrosives (Liquids and Solids) Toxic, Corrosive	HF/Acetic Acid Waste	Pounds	1240	456	1240	12400	- Physical Corrosive To Metal			
	<u>CAS No</u>	<u>State</u>	<u>Storage Container</u>	<u>Pressue</u>	<u>Waste Code</u>		- Health Acute Toxicity			
	7664-39-3	Liquid	Plastic/Non-metalic Drum	Ambient			- Health Skin Corrosion Irritation			
		<u>Type</u>	Mixture	Days on Site: 365	Ambient		- Health Serious Eye Damage Eye Irritation			
DOT: 8 - Corrosives (Liquids and Solids) Toxic, Corrosive	Hydrofluoric Acid Solution	Pounds	300	300	100	1295	- Physical Corrosive To Metal	Nitric Acid	✓	7697-37-2
	<u>CAS No</u>	<u>State</u>	<u>Storage Container</u>	<u>Pressue</u>	<u>Waste Code</u>		- Health Acute Toxicity	Potassium Permanganate		7722-64-7
	7664-39-3	Liquid	Plastic/Non-metalic Drum	Ambient	791		- Health Skin Corrosion Irritation	Acetic Acid		64-19-7
		<u>Type</u>	Waste	Days on Site: 365	Ambient		- Health Serious Eye Damage Eye Irritation	Hydrofluoric Acid	✓	7664-39-3

Hazardous Materials And Wastes Inventory Matrix Report

CERS Business/Org. Intevac, Inc. (3580 Bassett St.)	Chemical Location	CERS ID 10084393
Facility Name Intevac, Inc. 3580 Bassett Street, Santa Clara 95054		Facility ID 43-010-037473
		Status Submitted on 10/29/2020 1:52 PM

DOT Code/Fire Haz. Class	Common Name	Unit	Quantities			Annual Waste Amount	Federal Hazard Categories	Hazardous Components (For mixture only)		
			Max. Daily	Largest Cont.	Avg. Daily			Component Name	% Wt	EHS CAS No.
DOT: 4.1 - Flammable Solids	Solvent & Metal Contaminated	Pounds	350	350	200	1875	- Physical	Lab debris		
Flammable Solid	Debris	<u>State</u>	<u>Storage Container</u>		<u>Pressure</u>	<u>Waste Code</u>	Flammable			
	<u>CAS No</u>	Solid	Steel Drum		Ambient		- Health Acute			
		<u>Type</u>			<u>Temperature</u>		Toxicity			
		Waste	Days on Site: 365		Ambient		- Health Specific			
							Target Organ			
							Toxicity			

Hazardous Materials And Wastes Inventory Matrix Report

CERS Business/Org. Intevac, Inc. (3580 Bassett St.) Facility Name Intevac, Inc. 3580 Bassett Street, Santa Clara 95054	Chemical Location <div style="border: 1px solid black; height: 30px; width: 100%;"></div>	CERS ID 10084393 Facility ID 43-010-037473 Status Submitted on 10/29/2020 1:52 PM
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DOT Code/Fire Haz. Class	Common Name	Unit	Quantities			Annual Waste Amount	Federal Hazard Categories	Hazardous Components (For mixture only)		
			Max. Daily	Largest Cont.	Avg. Daily			Component Name	% Wt	EHS CAS No.
	10% Helium in Nitrogen	Cu. Feet	244	244	244	0	- Physical Gas Under Pressure	NITROGEN HELIUM	90 % 10 %	7727-37-9 7440-59-7
	<u>CAS No</u>	<u>State</u>	<u>Storage Container</u>		<u>Pressue</u>	<u>Waste Code</u>				
		Gas	Cylinder		> Ambient		- Physical Hazard Not Otherwise Classified			
		<u>Type</u>			<u>Temperature</u>		- Health Simple Asphyxiant			
		Mixture	Days on Site: 365		Ambient					
DOT: 2.2 - Nonflammable Gases	ARGON	Cu. Feet	1800	300	900	0	- Physical Gas Under Pressure	ARGON		7440-37-1
	<u>CAS No</u>	<u>State</u>	<u>Storage Container</u>		<u>Pressue</u>	<u>Waste Code</u>				
	7440-37-1	Gas	Cylinder		< Ambient		- Health Simple Asphyxiant			
		<u>Type</u>			<u>Temperature</u>					
		Pure	Days on Site: 365		Ambient					
	Argon 90% / Nitrogen 10%	Cu. Feet	222	222	222	0	- Physical Gas Under Pressure	Argon Nitrogen	90 % 10 %	7440-37-1 7727-37-9
	<u>CAS No</u>	<u>State</u>	<u>Storage Container</u>		<u>Pressue</u>	<u>Waste Code</u>				
	7440-37-1	Gas	Cylinder				- Health Simple Asphyxiant			
		<u>Type</u>			<u>Temperature</u>					
		Mixture	Days on Site: 365							
DOT: 2.2 - Nonflammable Gases	Argon 95% / Oxygen 5%	Cu. Feet	210	210	210		- Physical Gas Under Pressure	Oxygen Argon	5 % 95 %	7782-44-7 7440-37-1
	<u>CAS No</u>	<u>State</u>	<u>Storage Container</u>		<u>Pressue</u>	<u>Waste Code</u>				
		Gas	Cylinder		> Ambient		- Health Simple Asphyxiant			
		<u>Type</u>			<u>Temperature</u>					
		Mixture	Days on Site: 365		Ambient					
DOT: 2.2 - Nonflammable Gases	ARGON COMPRESSED	Cu. Feet	336	336	336		- Physical Gas Under Pressure			
	<u>CAS No</u>	<u>State</u>	<u>Storage Container</u>		<u>Pressue</u>	<u>Waste Code</u>				
	7440-37-1	Gas	Cylinder		< Ambient		- Health Simple Asphyxiant			
		<u>Type</u>			<u>Temperature</u>					
		Pure	Days on Site: 365		Ambient					
DOT: 2.2 - Nonflammable Gases	Argon, mixed with helium	Cu. Feet	226	226	226		- Physical Gas Under Pressure			
	<u>CAS No</u>	<u>State</u>	<u>Storage Container</u>		<u>Pressue</u>	<u>Waste Code</u>				
	70355-95-2	Gas	Cylinder		> Ambient		- Health Simple Asphyxiant			
		<u>Type</u>			<u>Temperature</u>					
		Mixture	Days on Site: 365		Ambient					
DOT: 2.2 - Nonflammable Gases	Argon/Oxygen	Cu. Feet	1050	210	210	0	- Physical Gas Under Pressure	Oxygen Argon	10 % 90 %	7782-44-7 7440-37-1
	<u>CAS No</u>	<u>State</u>	<u>Storage Container</u>		<u>Pressue</u>	<u>Waste Code</u>				
		Gas	Cylinder		> Ambient		- Health Simple Asphyxiant			
		<u>Type</u>			<u>Temperature</u>					
		Mixture	Days on Site: 365		Ambient					
DOT: 2.2 - Nonflammable Gases	Carbon Dioxide	Cu. Feet	300	300	300	0	- Physical Gas Under Pressure			
	<u>CAS No</u>	<u>State</u>	<u>Storage Container</u>		<u>Pressue</u>	<u>Waste Code</u>				
	124-38-9	Gas	Cylinder		> Ambient		- Physical Hazard Not Otherwise Classified			
		<u>Type</u>			<u>Temperature</u>		- Health Simple Asphyxiant			
		Pure	Days on Site: 365		Ambient					

Hazardous Materials And Wastes Inventory Matrix Report

CERS Business/Org. Intevac, Inc. (3580 Bassett St.) Facility Name Intevac, Inc. 3580 Bassett Street, Santa Clara 95054	Chemical Location <div style="border: 1px solid black; height: 20px; width: 100%;"></div>	CERS ID 10084393 Facility ID 43-010-037473 Status Submitted on 10/29/2020 1:52 PM
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DOT Code/Fire Haz. Class	Common Name	Unit	Quantities			Annual Waste Amount	Federal Hazard Categories	Hazardous Components (For mixture only)		
			Max. Daily	Largest Cont.	Avg. Daily			Component Name	% Wt	EHS CAS No.
DOT: 2.2 - Nonflammable Gases	Carbon Dioxide	Pounds	300	300	300	0	- Physical Gas Under Pressure			
	<u>CAS No</u> 124-38-9	<u>State</u> Gas	<u>Storage Container</u> Cylinder		<u>Pressue</u> > Ambient	<u>Waste Code</u>	- Physical Hazard Not Otherwise Classified			
		<u>Type</u> Pure	Days on Site: 365		<u>Temperature</u> Ambient		- Health Simple Asphyxiant			
DOT: 2.3 - Toxic Gases	CARBON MONOXIDE	Cu. Feet	186	93	93	0	- Physical Flammable			
	<u>CAS No</u> 630-08-0	<u>State</u> Gas	<u>Storage Container</u> Cylinder		<u>Pressue</u> > Ambient	<u>Waste Code</u>	- Physical Gas Under Pressure			
		<u>Type</u> Pure	Days on Site: 365		<u>Temperature</u> Ambient		- Physical Hazard Not Otherwise Classified			
							- Health Carcinogenicity - Health Acute Toxicity - Health Reproductive Toxicity - Health Respiratory Skin Sensitization - Health Specific Target Organ Toxicity - Health Hazard Not Otherwise Classified			
DOT: 3 - Flammable and Combustible Liquids	DIESEL FUEL	Gallons	187	187	150	0	- Physical Combustible Dust			
Combustible Liquid, Class II	<u>CAS No</u> 68334-30-5	<u>State</u> Liquid	<u>Storage Container</u> Aboveground Tank		<u>Pressue</u> Ambient	<u>Waste Code</u>	- Health Carcinogenicity			
		<u>Type</u> Pure	Days on Site: 365		<u>Temperature</u> Ambient		- Health Specific Target Organ Toxicity - Health Hazard Not Otherwise Classified			
DOT: 2.2 - Nonflammable Gases	Forming Gas	Cu. Feet	210	210	210	0	- Physical Gas Under Pressure	Hydrogen	3 %	1333-74-0
	<u>CAS No</u>	<u>State</u> Gas	<u>Storage Container</u> Cylinder		<u>Pressue</u> > Ambient	<u>Waste Code</u>	- Health Simple Asphyxiant	Nitrogen	96 %	7727-37-9
		<u>Type</u> Mixture	Days on Site: 365		<u>Temperature</u> Ambient					

Hazardous Materials And Wastes Inventory Matrix Report

CERS Business/Org. **Intevac, Inc. (3580 Bassett St.)**
 Facility Name **Intevac, Inc.**
 3580 Bassett Street, Santa Clara 95054

Chemical Location

CERS ID **10084393**
 Facility ID **43-010-037473**
 Status **Submitted on 10/29/2020 1:52 PM**

DOT Code/Fire Haz. Class	Common Name	Unit	Quantities			Annual Waste Amount	Federal Hazard Categories	Hazardous Components (For mixture only)		
			Max. Daily	Largest Cont.	Avg. Daily			Component Name	% Wt	EHS CAS No.
DOT: 2.2 - Nonflammable Gases	Forming Gas 10% H2/90% N2 CAS No	Cu. Feet	400	200	200	0	- Physical Gas Under Pressure - Health Simple Asphyxiant	Hydrogen Nitrogen	10 % 90 %	1333-74-0 7727-37-9
		State Gas Type Mixture	Storage Container Cylinder		Pressue > Ambient Temperature Ambient	Waste Code				
	Days on Site: 365									
DOT: 2.2 - Nonflammable Gases	HELIUM CAS No 7440-59-7	Cu. Feet	1558	291	291	0	- Physical Gas Under Pressure - Physical Hazard Not Otherwise Classified - Health Simple Asphyxiant			
		State Gas Type Pure	Storage Container Cylinder		Pressue < Ambient Temperature Ambient	Waste Code				
	Days on Site: 365									
DOT: 2.2 - Nonflammable Gases	HYDROGEN 2% IN ARGON (FORMING GAS) CAS No 1333-74-0	Cu. Feet	227	227	227	0	- Physical Gas Under Pressure - Physical Hazard Not Otherwise Classified - Health Simple Asphyxiant	ARGON COMPRESSED HYDROGEN	98 % 2 %	7440-37-1 1333-74-0
		State Gas Type Mixture	Storage Container Cylinder		Pressue > Ambient Temperature Ambient	Waste Code				
	Days on Site: 365									
DOT: 2.2 - Nonflammable Gases	HYDROGEN 4% IN ARGON (FORMING GAS) CAS No 1333-74-0	Cu. Feet	227	227	227	0	- Physical Flammable - Physical Gas Under Pressure - Physical Hazard Not Otherwise Classified - Health Simple Asphyxiant	ARGON COMPRESSED HYDROGEN	96 % 4 %	7440-37-1 1333-74-0
		State Gas Type Mixture	Storage Container Cylinder		Pressue > Ambient Temperature Ambient	Waste Code				
	Days on Site: 365									
	NITROGEN CAS No 07727-37-9	Cu. Feet	595	304	595		- Physical Gas Under Pressure - Health Simple Asphyxiant	NITROGEN	100 %	7727-37-9
		State Gas Type Pure	Storage Container Cylinder		Pressue < Ambient Temperature Ambient	Waste Code				
	Days on Site: 365									
DOT: 2.2 - Nonflammable Gases Cryogen	Nitrogen, Liquid CAS No 7727-37-9	Gallons	11000	11000	6000	0	- Physical Gas Under Pressure - Physical Hazard Not Otherwise Classified - Health Simple Asphyxiant			
		State Liquid Type Pure	Storage Container Aboveground Tank		Pressue > Ambient Temperature Cryogenic	Waste Code				
	Days on Site: 365									

Hazardous Materials And Wastes Inventory Matrix Report

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 Facility Name **Intevac, Inc.**
 3580 Bassett Street, Santa Clara 95054

Chemical Location

CERS ID **10084393**
 Facility ID **43-010-037473**
 Status **Submitted on 10/29/2020 1:52 PM**

DOT Code/Fire Haz. Class	Common Name	Unit	Quantities			Annual Waste Amount	Federal Hazard Categories	Hazardous Components (For mixture only)		
			Max. Daily	Largest Cont.	Avg. Daily			Component Name	% Wt	EHS CAS No.
DOT: 5.1 - Oxidizing Substances	Nitrous Oxide	Cu. Feet	300	300	300	0	- Physical Gas Under Pressure - Physical Oxidizer			
	<u>CAS No</u> 10024-97-2	<u>State</u> Gas	<u>Storage Container</u> Cylinder		<u>Pressue</u> > Ambient	<u>Waste Code</u>				
		<u>Type</u> Pure	Days on Site: 365		<u>Temperature</u> Ambient		- Physical Hazard Not Otherwise Classified - Health Acute Toxicity - Health Reproductive Toxicity - Health Specific Target Organ Toxicity - Health Simple Asphyxiant			
DOT: 5.1 - Oxidizing Substances	OXYGEN	Cu. Feet	424	300	424	0	- Physical Gas Under Pressure - Physical Oxidizer	OXYGEN		7782-44-7
Oxidizing, Class 2	<u>CAS No</u> 7782-44-7	<u>State</u> Gas	<u>Storage Container</u> Cylinder		<u>Pressue</u> < Ambient	<u>Waste Code</u>				
		<u>Type</u> Pure	Days on Site: 365		<u>Temperature</u> Ambient		- Physical Hazard Not Otherwise Classified			
DOT: 2.2 - Nonflammable Gases	OXYGEN, LIQUID	Gallons	400	400	300		- Physical Gas Under Pressure - Physical Oxidizer			
Cryogen, Oxidizing Gas, Liquefied	<u>CAS No</u>	<u>State</u> Liquid	<u>Storage Container</u> Aboveground Tank		<u>Pressue</u> < Ambient	<u>Waste Code</u>				
		<u>Type</u> Pure	Days on Site: 365		<u>Temperature</u> Cryogenic		- Physical Hazard Not Otherwise Classified - Health Acute Toxicity			
DOT: 2.1 - Flammable Gases	PROPANE	Cu. Feet	500	125	500	0	- Physical Flammable - Physical Gas Under Pressure - Health Acute Toxicity - Health Simple Asphyxiant - Health Hazard Not Otherwise Classified			
Flammable Gas	<u>CAS No</u> 74-98-6	<u>State</u> Gas	<u>Storage Container</u> Cylinder		<u>Pressue</u> < Ambient	<u>Waste Code</u>				
		<u>Type</u> Pure	Days on Site: 365		<u>Temperature</u> Ambient					

Hazardous Materials And Wastes Inventory Matrix Report

CERS Business/Org. **Intevac, Inc. (3580 Bassett St.)**
 Facility Name **Intevac, Inc.**
 3580 Bassett Street, Santa Clara 95054

Chemical Location

CERS ID **10084393**
 Facility ID **43-010-037473**
 Status **Submitted on 10/29/2020 1:52 PM**

DOT Code/Fire Haz. Class	Common Name	Unit	Quantities			Annual Waste Amount	Federal Hazard Categories	Hazardous Components (For mixture only)		
			Max. Daily	Largest Cont.	Avg. Daily			Component Name	% Wt	EHS CAS No.
DOT: 2.2 - Nonflammable Gases	SILANE 1.3% in Nitrogen	Cu. Feet	210	210	210	0	- Physical	SILANE	1 %	7803-62-5
	<u>CAS No</u>	<u>State</u>	<u>Storage Container</u>		<u>Pressue</u>	<u>Waste Code</u>	Flammable	Nitrogen	99 %	7727-37-9
		Gas	Cylinder		< Ambient		- Physical Gas			
		<u>Type</u>			<u>Temperature</u>		Under Pressure			
		Mixture	Days on Site: 365		Ambient		- Health Acute			
							Toxicity			
							- Health Simple			
							Asphyxiant			
							- Health Hazard			
							Not Otherwise Classified			
DOT: 2.2 - Nonflammable Gases	Sulfur Hexafluoride	Cu. Feet	210	210	210	0	- Physical Gas			
	<u>CAS No</u>	<u>State</u>	<u>Storage Container</u>		<u>Pressue</u>	<u>Waste Code</u>	Under Pressure			
	2551-62-4	Gas	Cylinder		> Ambient		- Health Simple			
		<u>Type</u>			<u>Temperature</u>		Asphyxiant			
		Pure	Days on Site: 365		Ambient					

Owens Corning – Bldgs. 1 & 3

960 Central Expressway

Not CalARP Regulated

Approximately 0.30 mile from site

3/1/21 & 5/21/21 Haz Mat Inventories

Hazardous Materials And Wastes Inventory Matrix Report

CERS Business/Org. Owens Corning Facility Name Owens Corning Bldg 3 Boiler House 960 Central Expy Bldg 3, Santa Clara 95050	Chemical Location <div style="border: 1px solid black; width: 100px; height: 20px; margin: 0 auto;"></div>	CERS ID 10128511 Facility ID 43-010-110741 Status Submitted on 3/1/2021 7:15 AM
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DOT Code/Fire Haz. Class	Common Name	Unit	Quantities			Annual Waste Amount	Federal Hazard Categories	Hazardous Components (For mixture only)		
			Max. Daily	Largest Cont.	Avg. Daily			Component Name	% Wt	EHS CAS No.
DOT: 2.1 - Flammable Gases	ACETYLENE	Cu. Feet	2520	420	1800		- Physical			
Unstable (Reactive), Class 2, Flammable Gas	CAS No 74-86-2	State Gas	Storage Container Cylinder		Pressue < Ambient	Waste Code	Flammable			
		Type Pure	Days on Site: 365		Temperature Ambient		- Physical Gas			
DOT: 2.2 - Nonflammable Gases	CARBON DIOXIDE	Cu. Feet	4300	250	4000		- Physical Gas			
	CAS No 124-38-9	State Gas	Storage Container Cylinder		Pressue < Ambient	Waste Code	Under Pressure			
		Type Pure	Days on Site: 365		Temperature Ambient		- Health Simple			
DOT: 9 - Misc. Hazardous Materials	Chevron Machine Oil	Gallons	165	55	45	110	- Physical			
	CAS No	State Liquid	Storage Container Steel Drum		Pressue Ambient	Waste Code	Flammable			
		Type Waste	Days on Site: 365		Temperature Ambient					
DOT: 9 - Misc. Hazardous Materials	Chevron Rykon Oil	Gallons	55	55	35	110	- Physical			
	CAS No	State Liquid	Storage Container Steel Drum		Pressue Ambient	Waste Code	Flammable			
		Type Waste	Days on Site: 365		Temperature Ambient					
DOT: 9 - Misc. Hazardous Materials	Chrome Contaminated	Pounds	900	900	25	900				
	CAS No 7440-47-3	State Solid	Storage Container Steel Drum		Pressue Ambient	Waste Code				
		Type Waste	Days on Site: 365		Temperature Ambient					
DOT: 3 - Flammable and Combustible Liquids	DIESEL	Gallons	20000	20000	650		- Physical	FUELS, DIESEL, NO. 2	100 %	
Combustible Liquid, Class II	CAS No 68334-30-5	State Liquid	Storage Container Aboveground Tank		Pressue Ambient	Waste Code 331	Flammable	GAS OIL, LIGHT	0 %	64741-44-2
		Type Mixture	Days on Site: 365		Temperature Ambient		- Health	HYDRODESULFURIZED MIDDLE	0 %	64742-80-9
							- Health Acute	DISTILLATE		
							Toxicity			
							- Health			
							Aspiration Hazard			

Hazardous Materials And Wastes Inventory Matrix Report

CERS Business/Org. Owens Corning Facility Name Owens Corning Bldg 3 Boiler House 960 Central Expy Bldg 3, Santa Clara 95050	Chemical Location <div style="border: 1px solid black; width: 100px; height: 20px; margin: 0 auto;"></div>	CERS ID 10128511 Facility ID 43-010-110741 Status Submitted on 3/1/2021 7:15 AM
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DOT Code/Fire Haz. Class	Common Name	Unit	Quantities			Annual Waste Amount	Federal Hazard Categories	Hazardous Components (For mixture only)		
			Max. Daily	Largest Cont.	Avg. Daily			Component Name	% Wt	EHS CAS No.
DOT: 3 - Flammable and Combustible Liquids Flammable Liquid, Class I-B	GASOLINE <small>CAS No 8006-61-9</small>	Gallons	250	250	125		- Physical Flammable - Health Carcinogenicity - Health Reproductive Toxicity - Health Skin Corrosion Irritation - Health Aspiration Hazard			
		<small>State</small> Liquid	<small>Storage Container</small> Aboveground Tank			<small>Pressue</small> Ambient	<small>Waste Code</small>			
		<small>Type</small> Pure	Days on Site: 365			<small>Temperature</small> Ambient				
DOT: 9 - Misc. Hazardous Materials	Meras 6455 Anti-Foam <small>CAS No</small>	Gallons	2100	2100	20		- Health Skin Corrosion Irritation - Health Serious Eye Damage Eye Irritation			
		<small>State</small> Liquid	<small>Storage Container</small> Tote Bin			<small>Pressue</small> Ambient	<small>Waste Code</small>			
		<small>Type</small> Mixture	Days on Site: 365			<small>Temperature</small> Ambient				
DOT: 3 - Flammable and Combustible Liquids Combustible Liquid, Class II, Corrosive	N,N-DIETHYLETHANOLAMINE <small>CAS No 100-37-8</small>	Gallons	400	400	40		- Physical Flammable - Health Acute Toxicity - Health Skin Corrosion Irritation - Health Serious Eye Damage Eye Irritation			
		<small>State</small> Liquid	<small>Storage Container</small> Tote Bin			<small>Pressue</small> Ambient	<small>Waste Code</small>			
		<small>Type</small> Pure	Days on Site: 365			<small>Temperature</small> Ambient				
DOT: 9 - Misc. Hazardous Materials	OC Floor Dry Waste <small>CAS No</small>	Pounds	240	240	100	1000				
		<small>State</small> Solid	<small>Storage Container</small> Steel Drum, Bag			<small>Pressue</small> Ambient	<small>Waste Code</small>			
		<small>Type</small> Waste	Days on Site: 365			<small>Temperature</small> Ambient				
DOT: 2.2 - Nonflammable Gases Oxidizing, Class 2	OXYGEN <small>CAS No 7782-44-7</small>	Cu. Feet	562	281	400		- Physical Gas Under Pressure - Physical Oxidizer			
		<small>State</small> Gas	<small>Storage Container</small> Cylinder			<small>Pressue</small> < Ambient	<small>Waste Code</small>			
		<small>Type</small> Pure	Days on Site: 365			<small>Temperature</small> Ambient				

Hazardous Materials And Wastes Inventory Matrix Report

CERS Business/Org. Owens Corning	Chemical Location <div style="border: 1px solid black; width: 100px; height: 20px; margin: 0 auto;"></div>	CERS ID 10128511
Facility Name Owens Corning Bldg 3 Boiler House 960 Central Expy Bldg 3, Santa Clara 95050		Facility ID 43-010-110741
		Status Submitted on 3/1/2021 7:15 AM

DOT Code/Fire Haz. Class	Common Name	Unit	Quantities			Annual Waste Amount	Federal Hazard Categories	Hazardous Components (For mixture only)		
			Max. Daily	Largest Cont.	Avg. Daily			Component Name	% Wt	EHS CAS No.
DOT: 8 - Corrosives (Liquids and Solids) Corrosive, Toxic, Water Reactive, Class 1	SODIUM HYDROXIDE SOLID <u>CAS No</u> 1310-73-2	Gallons <u>State</u> Solid <u>Type</u> Pure	400 <u>Storage Container</u> Tote Bin Days on Site: 365	400	200	<u>Pressue</u> Ambient <u>Waste Code</u> <u>Temperature</u> Ambient	- Physical Corrosive To Metal - Health Acute Toxicity - Health Skin Corrosion Irritation - Health Serious Eye Damage Eye Irritation			
DOT: 9 - Misc. Hazardous Materials	SODIUM MOLYBDATE(VI) DIHYDRATE <u>CAS No</u> 10102-40-6	Gallons <u>State</u> Solid <u>Type</u> Pure	400 <u>Storage Container</u> Tote Bin Days on Site: 365	400	55	<u>Pressue</u> Ambient <u>Waste Code</u> <u>Temperature</u> Ambient				
DOT: 9 - Misc. Hazardous Materials	USL-600 High Temp Syn Chain <u>CAS No</u>	Gallons <u>State</u> Liquid <u>Type</u> Waste	220 <u>Storage Container</u> Steel Drum, Tote Bin Days on Site: 365	55	55	300 <u>Pressue</u> Ambient <u>Waste Code</u> <u>Temperature</u> Ambient				

Hazardous Materials And Wastes Inventory Matrix Report

CERS Business/Org. Owens Corning Facility Name Owens Corning Bldg 1 960 Central Expy Bldg 1, Santa Clara 95050	Chemical Location <div style="border: 1px solid black; width: 150px; height: 20px; margin: 0 auto;"></div>	CERS ID 10128529 Facility ID 43-010-110739 Status Submitted on 5/21/2021 10:04 AM
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DOT Code/Fire Haz. Class	Common Name	Unit	Quantities			Annual Waste Amount	Federal Hazard Categories	Hazardous Components (For mixture only)		
			Max. Daily	Largest Cont.	Avg. Daily			Component Name	% Wt	EHS CAS No.
Corrosive	3320 Semi-Closed Loop TRT	Gallons	220	55	55			Sodium Tolytriazole		
	<u>CAS No</u>	<u>State</u>	<u>Storage Container</u>		<u>Pressue</u>	<u>Waste Code</u>				
		Liquid	Plastic/Non-metalic Drum		Ambient					
		<u>Type</u>			<u>Temperature</u>					
	Pure	Days on Site: 365		Ambient						
Corrosive	7423 Microbiocide	Gallons	220	55	55			2-Methyl-4-isothiazolin-3-one 0 %		
	<u>CAS No</u>	<u>State</u>	<u>Storage Container</u>		<u>Pressue</u>	<u>Waste Code</u>		Magnesium chloride 1 %		
		Liquid	Plastic/Non-metalic Drum		Ambient			5-Chloro-methyl-isothiazolin-3-one 1 %		
		<u>Type</u>			<u>Temperature</u>			Magnesium nitrate 2 %		
	Mixture	Days on Site: 365		Ambient						
Flammable Gas, Unstable (Reactive), Class 2	Acetylene	Pounds	60	60	30		- Physical			
	<u>CAS No</u>	<u>State</u>	<u>Storage Container</u>		<u>Pressue</u>	<u>Waste Code</u>	Flammable			
	74-86-2	Gas	Cylinder		> Ambient		- Physical Gas			
		<u>Type</u>			<u>Temperature</u>		Under Pressure			
	Pure	Days on Site: 365		Ambient						
	Ammonium Sulfate	Pounds	1500	1500	750		- Health Acute			
	<u>CAS No</u>	<u>State</u>	<u>Storage Container</u>		<u>Pressue</u>	<u>Waste Code</u>	Toxicity			
	7783-20-2	Solid	Bag		Ambient					
		<u>Type</u>			<u>Temperature</u>					
	Pure	Days on Site: 365		Ambient						
	Argon	Cu. Feet	496	248	124		- Physical Gas			
	<u>CAS No</u>	<u>State</u>	<u>Storage Container</u>		<u>Pressue</u>	<u>Waste Code</u>	Under Pressure			
	7440-37-1	Gas	Cylinder		> Ambient					
		<u>Type</u>			<u>Temperature</u>					
	Pure	Days on Site: 365		Ambient						
	ARGON/CARBON DIOXIDE	Cu. Feet	1140	380	190		- Physical Gas			
	<u>CAS No</u>	<u>State</u>	<u>Storage Container</u>		<u>Pressue</u>	<u>Waste Code</u>	Under Pressure			
	7440-37-1	Gas	Cylinder		> Ambient					
		<u>Type</u>			<u>Temperature</u>					
	Pure	Days on Site: 365		Ambient						
	Asphalt Tank #1	Gallons	15000	15000	7500					
	<u>CAS No</u>	<u>State</u>	<u>Storage Container</u>		<u>Pressue</u>	<u>Waste Code</u>				
		Liquid	Aboveground Tank		Ambient					
		<u>Type</u>			<u>Temperature</u>					
	Pure	Days on Site: 365		Ambient						
Flammable Liquid, Class I-B	Black ink	Gallons	110	0	55					
	<u>CAS No</u>	<u>State</u>	<u>Storage Container</u>		<u>Pressue</u>	<u>Waste Code</u>				
		Liquid	Steel Drum		Ambient					
		<u>Type</u>			<u>Temperature</u>					
	Pure	Days on Site: 365		Ambient						

Hazardous Materials And Wastes Inventory Matrix Report

CERS Business/Org. Owens Corning Facility Name Owens Corning Bldg 1 960 Central Expy Bldg 1, Santa Clara 95050	Chemical Location <div style="border: 1px solid black; height: 20px; width: 100%;"></div>	CERS ID 10128529 Facility ID 43-010-110739 Status Submitted on 5/21/2021 10:04 AM
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DOT Code/Fire Haz. Class	Common Name	Unit	Quantities			Annual Waste Amount	Federal Hazard Categories	Hazardous Components (For mixture only)		
			Max. Daily	Largest Cont.	Avg. Daily			Component Name	% Wt	EHS CAS No.
	Buffer BDH <small>CAS No</small>	Gallons	42	0	21					
		<small>State</small>	<small>Storage Container</small>		<small>Pressue</small>	<small>Waste Code</small>				
		<small>Type</small>	<small>Plastic Bottle or Jug</small>		<small>Ambient</small>					
		<small>Pure</small>	<small>Days on Site: 365</small>		<small>Ambient</small>					
	Carbon Dioxide <small>CAS No</small> 124-38-9	Cu. Feet	2104	526	263		- Physical Gas Under Pressure - Health Simple Asphyxiant			
		<small>State</small>	<small>Storage Container</small>		<small>Pressue</small>	<small>Waste Code</small>				
		<small>Type</small>	<small>Cylinder</small>		<small>Ambient</small>					
		<small>Pure</small>	<small>Days on Site: 365</small>		<small>Ambient</small>					
	CARBON DIOXIDE FOR FIRE SUPPRESSION <small>CAS No</small>	Cu. Feet	3154	540	0					
		<small>State</small>	<small>Storage Container</small>		<small>Pressue</small>	<small>Waste Code</small>				
		<small>Type</small>	<small>Cylinder</small>		<small>> Ambient</small>					
		<small>Pure</small>	<small>Days on Site: 365</small>		<small>Ambient</small>					
Combustible Liquid, Class III-B	CHEVRON CYLINDER OIL W-680 <small>CAS No</small>	Gallons	55	55	27.5			POLYBUTENE HYDROTREATED BOTTOMS	15 % 82 %	
		<small>State</small>	<small>Storage Container</small>		<small>Pressue</small>	<small>Waste Code</small>				
		<small>Type</small>	<small>Steel Drum</small>		<small>Ambient</small>					
		<small>Mixture</small>	<small>Days on Site: 365</small>		<small>Ambient</small>					
Combustible Liquid, Class III-B	CHEVRON CYLINDER OIL W-680 <small>CAS No</small>	Gallons	55	55	27.5			POLYBUTENE HYDROTREATED BOTTOMS	15 % 82 %	
		<small>State</small>	<small>Storage Container</small>		<small>Pressue</small>	<small>Waste Code</small>				
		<small>Type</small>	<small>Steel Drum</small>		<small>Ambient</small>					
		<small>Mixture</small>	<small>Days on Site: 365</small>		<small>Ambient</small>					
Combustible Liquid, Class III-B	CHEVRON GEAR COMPOUND EP ISO 150, 220 <small>CAS No</small>	Gallons	110	55	27.5					
		<small>State</small>	<small>Storage Container</small>		<small>Pressue</small>	<small>Waste Code</small>				
		<small>Type</small>	<small>Steel Drum</small>		<small>Ambient</small>					
		<small>Pure</small>	<small>Days on Site: 365</small>		<small>Ambient</small>					
Combustible Liquid, Class III-B	CHEVRON Meropa ISO 220 <small>CAS No</small>	Gallons	165	55	27.5					
		<small>State</small>	<small>Storage Container</small>		<small>Pressue</small>	<small>Waste Code</small>				
		<small>Type</small>	<small>Steel Drum</small>		<small>Ambient</small>					
		<small>Pure</small>	<small>Days on Site: 365</small>		<small>Ambient</small>					
Combustible Liquid, Class III-B	CHEVRON RANDO HD ISO 100 <small>CAS No</small>	Gallons	275	55	27.5			HIGHLY REFINED MINERAL OIL	60 %	
		<small>State</small>	<small>Storage Container</small>		<small>Pressue</small>	<small>Waste Code</small>				
		<small>Type</small>	<small>Steel Drum</small>		<small>Ambient</small>					
		<small>Pure</small>	<small>Days on Site: 365</small>		<small>Ambient</small>					

Hazardous Materials And Wastes Inventory Matrix Report

CERS Business/Org. Owens Corning Facility Name Owens Corning Bldg 1 960 Central Expy Bldg 1, Santa Clara 95050	Chemical Location <div style="border: 1px solid black; width: 150px; height: 20px; margin: 0 auto;"></div>	CERS ID 10128529 Facility ID 43-010-110739 Status Submitted on 5/21/2021 10:04 AM
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DOT Code/Fire Haz. Class	Common Name	Unit	Quantities			Annual Waste Amount	Federal Hazard Categories	Hazardous Components (For mixture only)		
			Max. Daily	Largest Cont.	Avg. Daily			Component Name	% Wt	EHS CAS No.
Combustible Liquid, Class III-B	CHEVRON RANDO HD ISO 22	Gallons	110	55	27.5					
	<u>CAS No</u>	<u>State</u>	<u>Storage Container</u>		<u>Pressue</u>	<u>Waste Code</u>				
		Liquid	Steel Drum		Ambient					
		<u>Type</u>			<u>Temperature</u>					
	Pure	Days on Site: 365		Ambient						
Combustible Liquid, Class III-B	CHEVRON RANDO HD ISO 46	Gallons	110	55	55					
	<u>CAS No</u>	<u>State</u>	<u>Storage Container</u>		<u>Pressue</u>	<u>Waste Code</u>				
		Liquid	Plastic/Non-metalic Drum		Ambient					
		<u>Type</u>			<u>Temperature</u>					
	Pure	Days on Site: 365		Ambient						
Combustible Liquid, Class III-B	CHEVRON RANDO HD ISO 68	Gallons	165	55	55					
	<u>CAS No</u>	<u>State</u>	<u>Storage Container</u>		<u>Pressue</u>	<u>Waste Code</u>				
		Liquid	Steel Drum		Ambient					
		<u>Type</u>			<u>Temperature</u>					
	Pure	Days on Site: 365		Ambient						
Combustible Liquid, Class III-B	CHEVRON WAY OIL VISTAC 68	Gallons	55	55	27.5			SOLVENT-REFINED HEAVY	97 %	
	<u>CAS No</u>	<u>State</u>	<u>Storage Container</u>		<u>Pressue</u>	<u>Waste Code</u>		PARAFFINIC DISTILLATE		
		Liquid	Steel Drum		Ambient					
		<u>Type</u>			<u>Temperature</u>					
	Mixture	Days on Site: 365		Ambient						
Corrosive	Citric Acid 50%	Gallons	15000	15000	7500					
	<u>CAS No</u>	<u>State</u>	<u>Storage Container</u>		<u>Pressue</u>	<u>Waste Code</u>				
		Liquid	Aboveground Tank		Ambient					
		<u>Type</u>			<u>Temperature</u>					
	Pure	Days on Site: 365		Ambient						
Combustible Liquid, Class III-B	Corona Turbo Blue	Gallons	110	55	55					
	<u>CAS No</u>	<u>State</u>	<u>Storage Container</u>		<u>Pressue</u>	<u>Waste Code</u>				
		Liquid	Plastic/Non-metalic Drum		Ambient					
		<u>Type</u>			<u>Temperature</u>					
	Pure	Days on Site: 365		Ambient						
Flammable Liquid, Class I-B	CRC Food Grade silicone	Gallons	1.05672	0	0.5					
	<u>CAS No</u>	<u>State</u>	<u>Storage Container</u>		<u>Pressue</u>	<u>Waste Code</u>				
		Liquid	Carboy		Ambient					
		<u>Type</u>			<u>Temperature</u>					
	Pure	Days on Site: 365		Ambient						
Combustible Liquid, Class II	CRC PENETRATING OIL - SCREW LOOSE	Gallons	55	55	27.5					
	<u>CAS No</u>	<u>State</u>	<u>Storage Container</u>		<u>Pressue</u>	<u>Waste Code</u>				
		Liquid	Steel Drum		Ambient					
		<u>Type</u>			<u>Temperature</u>					
	Pure	Days on Site: 365		Ambient						

Hazardous Materials And Wastes Inventory Matrix Report

CERS Business/Org. Owens Corning Facility Name Owens Corning Bldg 1 960 Central Expy Bldg 1, Santa Clara 95050	Chemical Location <div style="border: 1px solid black; width: 150px; height: 20px; margin: 0 auto;"></div>	CERS ID 10128529 Facility ID 43-010-110739 Status Submitted on 5/21/2021 10:04 AM
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DOT Code/Fire Haz. Class	Common Name	Unit	Quantities			Annual Waste Amount	Federal Hazard Categories	Hazardous Components (For mixture only)		
			Max. Daily	Largest Cont.	Avg. Daily			Component Name	% Wt	EHS CAS No.
Combustible Liquid, Class II	Diesel Fuel - Storage Tank	Gallons	360	360	180		- Physical			
	<u>CAS No</u>	<u>State</u>	<u>Storage Container</u>		<u>Pressue</u>	<u>Waste Code</u>	Flammable			
	68334-30-5	Liquid	Aboveground Tank		Ambient		- Health Acute			
		<u>Type</u>			<u>Temperature</u>		Toxicity			
	Pure	Days on Site: 365			Ambient		- Health Skin			
							Corrosion			
							Irritation			
							- Health			
							Aspiration Hazard			
Combustible Liquid, Class III-B	DYNOL 607 SURFACTANT	Gallons	220	400	27.5		- Health Serious			
	<u>CAS No</u>	<u>State</u>	<u>Storage Container</u>		<u>Pressue</u>	<u>Waste Code</u>	Eye Damage Eye			
	169117-72-0	Liquid	Tote Bin		Ambient		Irritation			
		<u>Type</u>			<u>Temperature</u>					
	Pure	Days on Site: 365			Ambient					
Combustible Liquid, Class III-B	Elevator Oil Tank	Gallons	400	400	200					
	<u>CAS No</u>	<u>State</u>	<u>Storage Container</u>		<u>Pressue</u>	<u>Waste Code</u>				
		Liquid	Aboveground Tank		Ambient					
		<u>Type</u>			<u>Temperature</u>					
	Pure	Days on Site: 365			Ambient					
Filtered Water Skid (FWS) Tank	Filtered Water Skid (FWS) Tank	Gallons	2015	2015	1007	52390				
	<u>CAS No</u>	<u>State</u>	<u>Storage Container</u>		<u>Pressue</u>	<u>Waste Code</u>				
		Liquid	Aboveground Tank		Ambient	135				
		<u>Type</u>			<u>Temperature</u>					
	Pure	Days on Site: 365			Ambient					
Helium	Helium	Cu. Feet	291	291	185		- Physical Gas			
	<u>CAS No</u>	<u>State</u>	<u>Storage Container</u>		<u>Pressue</u>	<u>Waste Code</u>	Under Pressure			
	7440-59-7	Gas	Cylinder		> Ambient					
		<u>Type</u>			<u>Temperature</u>					
	Pure	Days on Site: 365			Ambient					
HENKEL Dorus WL	HENKEL Dorus WL	Gallons	1980	330	165					
	<u>CAS No</u>	<u>State</u>	<u>Storage Container</u>		<u>Pressue</u>	<u>Waste Code</u>				
		Liquid	Aboveground Tank		Ambient					
		<u>Type</u>			<u>Temperature</u>					
	Pure	Days on Site: 365			Ambient					
Henkel Dorus WL 6138	Henkel Dorus WL 6138	Gallons	660	330	165	220				
	<u>CAS No</u>	<u>State</u>	<u>Storage Container</u>		<u>Pressue</u>	<u>Waste Code</u>				
		Liquid	Aboveground Tank		Ambient	223				
		<u>Type</u>			<u>Temperature</u>					
	Pure	Days on Site: 365			Ambient					
Combustible Liquid, Class III-B	Hydrolized Silane Tank T30	Gallons	400	400	200			SILQUEST Y-15612 SILANE	5 %	
	<u>CAS No</u>	<u>State</u>	<u>Storage Container</u>		<u>Pressue</u>	<u>Waste Code</u>		Water	95 %	
		Liquid	Aboveground Tank		Ambient					
		<u>Type</u>			<u>Temperature</u>					
	Mixture	Days on Site: 365			Ambient					

Hazardous Materials And Wastes Inventory Matrix Report

CERS Business/Org. Owens Corning Facility Name Owens Corning Bldg 1 960 Central Expy Bldg 1, Santa Clara 95050	Chemical Location <div style="border: 1px solid black; height: 20px; width: 100%;"></div>	CERS ID 10128529 Facility ID 43-010-110739 Status Submitted on 5/21/2021 10:04 AM
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DOT Code/Fire Haz. Class	Common Name	Unit	Quantities			Annual Waste Amount	Federal Hazard Categories	Hazardous Components (For mixture only)		
			Max. Daily	Largest Cont.	Avg. Daily			Component Name	% Wt	EHS CAS No.
Combustible Liquid, Class III-B	JAX FORMING CHAIN OIL	Gallons	220	55	55					
	<u>CAS No</u>	<u>State</u>	<u>Storage Container</u>		<u>Pressue</u>	<u>Waste Code</u>				
		Liquid	Steel Drum		Ambient					
		<u>Type</u>			<u>Temperature</u>					
	Pure	Days on Site: 365		Ambient						
Combustible Liquid, Class III-B, Corrosive	JMR	Gallons	55	55	27.5			2-BUTOXY ETHANOL	6 %	
	<u>CAS No</u>	<u>State</u>	<u>Storage Container</u>		<u>Pressue</u>	<u>Waste Code</u>				
		Liquid	Plastic/Non-metalic Drum		Ambient					
		<u>Type</u>			<u>Temperature</u>					
	Pure	Days on Site: 365		Ambient						
	Lignin Arbo 505L	Gallons	990	330	495					
	<u>CAS No</u>	<u>State</u>	<u>Storage Container</u>		<u>Pressue</u>	<u>Waste Code</u>				
		Liquid	Aboveground Tank		Ambient					
		<u>Type</u>			<u>Temperature</u>					
	Pure	Days on Site: 365		Ambient						
	M and O line HWWS Tanks	Gallons	700	350	175					
	<u>CAS No</u>	<u>State</u>	<u>Storage Container</u>		<u>Pressue</u>	<u>Waste Code</u>				
		Liquid	Aboveground Tank		Ambient					
		<u>Type</u>			<u>Temperature</u>					
	Pure	Days on Site: 365		Ambient						
	M Line Circ Tank #1	Gallons	1577	1577	789			Citric Acid		
	<u>CAS No</u>	<u>State</u>	<u>Storage Container</u>		<u>Pressue</u>	<u>Waste Code</u>		Maltodextrin		
		Liquid	Aboveground Tank		Ambient			Sodium hypophosphite		
		<u>Type</u>			<u>Temperature</u>					
	Mixture	Days on Site: 365		Ambient						
	M Line Circ Tank #2	Gallons	1577	1577	789			Citric Acid		
	<u>CAS No</u>	<u>State</u>	<u>Storage Container</u>		<u>Pressue</u>	<u>Waste Code</u>		Maltodextrin		
		Liquid	Aboveground Tank		Ambient			Sodium hypophosphite		
		<u>Type</u>			<u>Temperature</u>					
	Mixture	Days on Site: 365		Ambient						
	Maltodextrin	Gallons	52452	26226	13113			Maltodextrin		9050-36-6
	<u>CAS No</u>	<u>State</u>	<u>Storage Container</u>		<u>Pressue</u>	<u>Waste Code</u>				
	9050-36-6	Liquid	Aboveground Tank		Ambient					
		<u>Type</u>			<u>Temperature</u>					
	Pure	Days on Site: 365		Ambient						
Oxidizing, Class 1	manganese(IV) oxide	Pounds	12000	3000	1500			- Health Acute		
	<u>CAS No</u>	<u>State</u>	<u>Storage Container</u>		<u>Pressue</u>	<u>Waste Code</u>		Toxicity		
	1313-13-9	Solid	Bag		Ambient					
		<u>Type</u>			<u>Temperature</u>					
	Pure	Days on Site: 365		Ambient						

Hazardous Materials And Wastes Inventory Matrix Report

CERS Business/Org. Owens Corning Facility Name Owens Corning Bldg 1 960 Central Expy Bldg 1, Santa Clara 95050	Chemical Location <div style="border: 1px solid black; width: 150px; height: 20px; margin: 0 auto;"></div>	CERS ID 10128529 Facility ID 43-010-110739 Status Submitted on 5/21/2021 10:04 AM
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DOT Code/Fire Haz. Class	Common Name	Unit	Quantities			Annual Waste Amount	Federal Hazard Categories	Hazardous Components (For mixture only)		
			Max. Daily	Largest Cont.	Avg. Daily			Component Name	% Wt	EHS CAS No.
Combustible Liquid, Class III-B	MFG. EQUIPMENT OIL WASTE	Gallons	55	55	27.5	220				
	<u>CAS No</u>	<u>State</u>	<u>Storage Container</u>	<u>Pressue</u>	<u>Waste Code</u>					
		Liquid	Steel Drum	Ambient	223					
		<u>Type</u>		<u>Temperature</u>						
	Waste	Days on Site: 365		Ambient						
Combustible Liquid, Class III-B	MFG. Equipment Oils Haz waste	Gallons	110	55	27.5	220				
	<u>CAS No</u>	<u>State</u>	<u>Storage Container</u>	<u>Pressue</u>	<u>Waste Code</u>					
		Liquid	Steel Drum	Ambient	223					
		<u>Type</u>		<u>Temperature</u>						
	Waste	Days on Site: 365		Ambient						
	Nitrogen	Cu. Feet	738	234	117		- Physical Gas			
	<u>CAS No</u>	<u>State</u>	<u>Storage Container</u>	<u>Pressue</u>	<u>Waste Code</u>		Under Pressure			
	7727-37-9	Gas	Cylinder	> Ambient						
		<u>Type</u>		<u>Temperature</u>						
	Pure	Days on Site: 365		Ambient						
	O Line Circ Tank #1	Gallons	1577	1577	789			Citric Acid		
	<u>CAS No</u>	<u>State</u>	<u>Storage Container</u>	<u>Pressue</u>	<u>Waste Code</u>			Maltodextrin		
		Liquid	Aboveground Tank	Ambient				Sodium hypophosphite		
		<u>Type</u>		<u>Temperature</u>						
	Mixture	Days on Site: 365		Ambient						
	O Line Circ Tank #2	Gallons	1577	1577	789			Citric Acid		
	<u>CAS No</u>	<u>State</u>	<u>Storage Container</u>	<u>Pressue</u>	<u>Waste Code</u>			Maltodextrin		
		Liquid	Aboveground Tank	Ambient				Sodium hypophosphite		
		<u>Type</u>		<u>Temperature</u>						
	Mixture	Days on Site: 365		Ambient						
Combustible Liquid, Class III-B	OVEN OIL	Gallons	220	55	55					
	<u>CAS No</u>	<u>State</u>	<u>Storage Container</u>	<u>Pressue</u>	<u>Waste Code</u>					
		Liquid	Steel Drum	Ambient						
		<u>Type</u>		<u>Temperature</u>						
	Pure	Days on Site: 365		Ambient						
Oxidizing Gas, Gaseous	Oxygen	Cu. Feet	1595	280	140		- Physical Gas			
	<u>CAS No</u>	<u>State</u>	<u>Storage Container</u>	<u>Pressue</u>	<u>Waste Code</u>		Under Pressure			
	7782-44-7	Gas	Cylinder	> Ambient			- Physical Oxidizer			
		<u>Type</u>		<u>Temperature</u>						
	Pure	Days on Site: 365		Ambient						
Flammable Gas	Propane Storage Tanks	Pounds	9980	4990	2500		- Physical	PROPANE		
	<u>CAS No</u>	<u>State</u>	<u>Storage Container</u>	<u>Pressue</u>	<u>Waste Code</u>		Flammable			
	74-98-6	Liquid	Aboveground Tank	> Ambient			- Physical Gas			
		<u>Type</u>		<u>Temperature</u>			Under Pressure			
	Pure	Days on Site: 365		Ambient						

Hazardous Materials And Wastes Inventory Matrix Report

CERS Business/Org. Owens Corning Facility Name Owens Corning Bldg 1 960 Central Expy Bldg 1, Santa Clara 95050	Chemical Location <div style="border: 1px solid black; height: 20px; width: 100%;"></div>	CERS ID 10128529 Facility ID 43-010-110739 Status Submitted on 5/21/2021 10:04 AM
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DOT Code/Fire Haz. Class	Common Name	Unit	Quantities			Annual Waste Amount	Federal Hazard Categories	Hazardous Components (For mixture only)		
			Max. Daily	Largest Cont.	Avg. Daily			Component Name	% Wt	EHS CAS No.
	RED DYE <small>CAS No</small>	Gallons	900	900	450			Azo Dyestuff		
		<small>State</small>	<small>Storage Container</small>		<small>Pressue</small>	<small>Waste Code</small>				
		<small>Liquid</small>	Glass Bottle or Jug		Ambient					
		<small>Type</small>			<small>Temperature</small>					
		<small>Pure</small>	Days on Site: 365		Ambient					
Combustible Liquid, Class III-B	RED KRAFT ONLY INK <small>CAS No</small>	Gallons	990	330	165					
		<small>State</small>	<small>Storage Container</small>		<small>Pressue</small>	<small>Waste Code</small>				
		<small>Liquid</small>	Aboveground Tank		Ambient					
		<small>Type</small>			<small>Temperature</small>					
		<small>Pure</small>	Days on Site: 365		Ambient					
Combustible Liquid, Class III-B	RIDGID DARK THREAD CUTTING OIL <small>CAS No</small>	Gallons	55	55	55			OIL, SEVERELY REFINED PARAFFINIC DISTILLATE	90 %	
		<small>State</small>	<small>Storage Container</small>		<small>Pressue</small>	<small>Waste Code</small>				
		<small>Liquid</small>	Steel Drum		Ambient					
		<small>Type</small>			<small>Temperature</small>					
		<small>Pure</small>	Days on Site: 365		Ambient					
Combustible Liquid, Class III-A	Silane Mix Tank <small>CAS No</small>	Gallons	150	150	150					
		<small>State</small>	<small>Storage Container</small>		<small>Pressue</small>	<small>Waste Code</small>				
		<small>Liquid</small>	Aboveground Tank		Ambient					
		<small>Type</small>			<small>Temperature</small>					
		<small>Pure</small>	Days on Site: 365		Ambient					
	SIMPLE GREEN <small>CAS No</small>	Gallons	55	55	27.5			2-BUTOXY ETHANOL	6 %	
		<small>State</small>	<small>Storage Container</small>		<small>Pressue</small>	<small>Waste Code</small>				
		<small>Liquid</small>	Plastic/Non-metalic Drum		Ambient					
		<small>Type</small>			<small>Temperature</small>					
		<small>Pure</small>	Days on Site: 365		Ambient					
Corrosive	Sodium Hydroxide 50% <small>CAS No</small>	Gallons	2000	2000	1000					
		<small>State</small>	<small>Storage Container</small>		<small>Pressue</small>	<small>Waste Code</small>				
		<small>Liquid</small>	Aboveground Tank		Ambient					
		<small>Type</small>			<small>Temperature</small>					
		<small>Pure</small>	Days on Site: 365		Ambient					
	Sodium Hypophosphite 45-50% <small>CAS No</small>	Gallons	6000	6000	3000					
		<small>State</small>	<small>Storage Container</small>		<small>Pressue</small>	<small>Waste Code</small>				
		<small>Liquid</small>	Aboveground Tank		Ambient					
		<small>Type</small>			<small>Temperature</small>					
		<small>Pure</small>	Days on Site: 365		Ambient					
	SUPER SILICONE RELEASE AGENT <small>CAS No</small>	Gallons	165	55	55					
		<small>State</small>	<small>Storage Container</small>		<small>Pressue</small>	<small>Waste Code</small>				
		<small>Liquid</small>	Steel Drum		Ambient					
		<small>Type</small>			<small>Temperature</small>					
		<small>Pure</small>	Days on Site: 365		Ambient					

Hazardous Materials And Wastes Inventory Matrix Report

CERS Business/Org. Owens Corning Facility Name Owens Corning Bldg 1 960 Central Expy Bldg 1, Santa Clara 95050	Chemical Location <div style="border: 1px solid black; height: 20px; width: 100%;"></div>	CERS ID 10128529 Facility ID 43-010-110739 Status Submitted on 5/21/2021 10:04 AM
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DOT Code/Fire Haz. Class	Common Name	Unit	Quantities			Annual Waste Amount	Federal Hazard Categories	Hazardous Components (For mixture only)		
			Max. Daily	Largest Cont.	Avg. Daily			Component Name	% Wt	EHS CAS No.
	T13 - Silane Mix Tank	Gallons	650	650	325			Ammonium-Alkyl Silicon	2 %	
	<u>CAS No</u>	<u>State</u>	<u>Storage Container</u>		<u>Pressue</u>	<u>Waste Code</u>				
		Liquid	Aboveground Tank		Ambient					
		<u>Type</u>			<u>Temperature</u>					
		Pure	Days on Site: 365		Ambient					
Combustible Liquid, Class III-B	T15 oil emulsion tank	Gallons	800	800	400			Oil	48 %	
	<u>CAS No</u>	<u>State</u>	<u>Storage Container</u>		<u>Pressue</u>	<u>Waste Code</u>		Lignin	4 %	
		Liquid	Aboveground Tank		Ambient			Water	48 %	
		<u>Type</u>			<u>Temperature</u>					
		Mixture	Days on Site: 365		Ambient					
	T15A - oil emulsion mix tank	Gallons	700	700	450			Water	92 %	
	<u>CAS No</u>	<u>State</u>	<u>Storage Container</u>		<u>Pressue</u>	<u>Waste Code</u>		Lignin	8 %	
		Liquid	Aboveground Tank		Ambient					
		<u>Type</u>			<u>Temperature</u>					
		Mixture	Days on Site: 365		Ambient					
	T16 - Not In Use	Gallons	700	700	350					
	<u>CAS No</u>	<u>State</u>	<u>Storage Container</u>		<u>Pressue</u>	<u>Waste Code</u>				
		Liquid	Aboveground Tank		Ambient					
		<u>Type</u>			<u>Temperature</u>					
		Pure	Days on Site: 365		Ambient					
	T17 - Not In Use	Gallons	700	700	350					
	<u>CAS No</u>	<u>State</u>	<u>Storage Container</u>		<u>Pressue</u>	<u>Waste Code</u>				
		Liquid	Aboveground Tank		Ambient					
		<u>Type</u>			<u>Temperature</u>					
		Pure	Days on Site: 365		Ambient					
	T18 - oil emulsion mix tank	Gallons	700	700	450			Water	92 %	
	<u>CAS No</u>	<u>State</u>	<u>Storage Container</u>		<u>Pressue</u>	<u>Waste Code</u>		Lignin	8 %	
		Liquid	Glass Bottle or Jug		Ambient					
		<u>Type</u>			<u>Temperature</u>					
		Mixture	Days on Site: 365		Ambient					
	T18A - Not In Use	Gallons	700	700	350					
	<u>CAS No</u>	<u>State</u>	<u>Storage Container</u>		<u>Pressue</u>	<u>Waste Code</u>				
		Liquid	Glass Bottle or Jug		Ambient					
		<u>Type</u>			<u>Temperature</u>					
		Pure	Days on Site: 365		Ambient					
	T3 RED DYE	Gallons	8750	8750	4375			Azo Dyestuff		
	<u>CAS No</u>	<u>State</u>	<u>Storage Container</u>		<u>Pressue</u>	<u>Waste Code</u>				
		Liquid	Aboveground Tank		Ambient					
		<u>Type</u>			<u>Temperature</u>					
		Pure	Days on Site: 365		Ambient					

Hazardous Materials And Wastes Inventory Matrix Report

CERS Business/Org. Owens Corning Facility Name Owens Corning Bldg 1 960 Central Expy Bldg 1, Santa Clara 95050	Chemical Location <div style="border: 1px solid black; height: 20px; width: 100%;"></div>	CERS ID 10128529 Facility ID 43-010-110739 Status Submitted on 5/21/2021 10:04 AM
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DOT Code/Fire Haz. Class	Common Name	Unit	Quantities			Annual Waste Amount	Federal Hazard Categories	Hazardous Components (For mixture only)		
			Max. Daily	Largest Cont.	Avg. Daily			Component Name	% Wt	EHS CAS No.
Combustible Liquid, Class III-B	T37 Raw OIL	Gallons	15000	15000	7500					
	<u>CAS No</u>	<u>State</u>	<u>Storage Container</u>		<u>Pressue</u>	<u>Waste Code</u>				
		Liquid	Aboveground Tank		Ambient					
		<u>Type</u>			<u>Temperature</u>					
	Pure	Days on Site: 365			Ambient					
	T39 Lignin	Gallons	15000	15000	7500			Amorphous polymer		
	<u>CAS No</u>	<u>State</u>	<u>Storage Container</u>		<u>Pressue</u>	<u>Waste Code</u>				
		Liquid	Aboveground Tank		Ambient					
		<u>Type</u>			<u>Temperature</u>					
	Pure	Days on Site: 365			Ambient					
	T40 Binder Mix Tank	Gallons	638	638	319					
	<u>CAS No</u>	<u>State</u>	<u>Storage Container</u>		<u>Pressue</u>	<u>Waste Code</u>				
		Liquid	Aboveground Tank		Ambient					
		<u>Type</u>			<u>Temperature</u>					
	Pure	Days on Site: 365			Ambient					
	TANK MIXTURE	Pounds	400000	400000	200000			Limestone	20 %	
	<u>CAS No</u>	<u>State</u>	<u>Storage Container</u>		<u>Pressue</u>	<u>Waste Code</u>		Crystalline Silicon	20 %	
		Solid	Aboveground Tank		Ambient			BORAX	20 %	
		<u>Type</u>			<u>Temperature</u>			Soda Ash	20 %	
	Mixture	Days on Site: 365			Ambient		GLASS SAND	20 %		
Flammable Liquid, Class I-B	TARS ASPHALT LIQUID WASTE	Gallons	60	30	30	220				
	UN1999	<u>State</u>	<u>Storage Container</u>		<u>Pressue</u>	<u>Waste Code</u>				
	<u>CAS No</u>	Liquid	Steel Drum		Ambient	223				
		<u>Type</u>			<u>Temperature</u>					
	Waste	Days on Site: 365			Ambient					
Combustible Liquid, Class III-B	Waste Oil	Gallons	110	55	27.5	220			Petroleum Hydrocarbons	
	<u>CAS No</u>	<u>State</u>	<u>Storage Container</u>		<u>Pressue</u>	<u>Waste Code</u>				
		Liquid	Steel Drum		Ambient	223				
		<u>Type</u>			<u>Temperature</u>					
	Waste	Days on Site: 365			Ambient					
Flammable Liquid, Class I-B	Waste Tars Liquid Flammable	Gallons	55	55	27.5	1430				
	UN1994	<u>State</u>	<u>Storage Container</u>		<u>Pressue</u>	<u>Waste Code</u>				
	<u>CAS No</u>	Liquid	Steel Drum		Ambient	223				
		<u>Type</u>			<u>Temperature</u>					
	Waste	Days on Site: 365			Ambient					
Combustible Liquid, Class II	WD 40, liquid	Gallons	110	55	27.5					
	<u>CAS No</u>	<u>State</u>	<u>Storage Container</u>		<u>Pressue</u>	<u>Waste Code</u>		- Physical		
	001101-00-0	Liquid	Steel Drum		Ambient			Flammable		
		<u>Type</u>			<u>Temperature</u>			- Health		
	Pure	Days on Site: 365			Ambient		Aspiration Hazard			

Metal Finishing Solutions

870 Comstock Street

Not CalARP Regulated

Approximately 0.49 mile from site

1/4/21 Haz Mat Inventory

Hazardous Materials And Wastes Inventory Matrix Report

CERS Business/Org. Metal Finishing Solutions Facility Name Metal Finishing Solutions 870 Comstock St, Santa Clara 95054	Chemical Location <div style="border: 1px solid black; width: 100px; height: 20px; margin: 0 auto;"></div>	CERS ID 10418803 Facility ID 43-010-119572 Status Submitted on 1/4/2021 9:45 AM
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DOT Code/Fire Haz. Class	Common Name	Unit	Quantities			Annual Waste Amount	Federal Hazard Categories	Hazardous Components (For mixture only)		
			Max. Daily	Largest Cont.	Avg. Daily			Component Name	% Wt	EHS CAS No.
DOT: 9 - Misc. Hazardous Materials	Al Clene 75R	Pounds	500	500	300		- Health Skin Corrosion	Sodium Tetraborate, Pentahydrate	50 %	1330-43-4
	<u>CAS No</u>	<u>State</u>	<u>Storage Container</u>		<u>Pressue</u>	<u>Waste Code</u>	Irritation	Sodium Dodecylbenzene	2 %	2515-53-0
		<u>Solid</u>	Fiber Drum		<u>Ambient</u>		- Health Serious Eye Damage Eye Irritation			
		<u>Type</u>	Mixture	Days on Site: 365	<u>Ambient</u>					
DOT: 8 - Corrosives (Liquids and Solids) Corrosive, Toxic	Batch Treatment Waste (Tank)	Gallons	1000	1000	500	50000	- Physical Corrosive To Metal	Heavy Metals	10 %	N/A
	<u>CAS No</u>	<u>State</u>	<u>Storage Container</u>		<u>Pressue</u>	<u>Waste Code</u>	135	Water	90 %	7732-18-5
		<u>Liquid</u>	Tank Inside Building		<u>Ambient</u>		- Health Hazard Not Otherwise Classified			
		<u>Type</u>	Waste	Days on Site: 365	<u>Ambient</u>					
DOT: 8 - Corrosives (Liquids and Solids) Corrosive, Water Reactive, Class 1	Caustic Soda, 30%	Gallons	250		250	150	- Physical Corrosive To Metal			
	<u>CAS No</u>	<u>State</u>	<u>Storage Container</u>		<u>Pressue</u>	<u>Waste Code</u>				
	1310-73-2	<u>Liquid</u>	Tank Inside Building		<u>Ambient</u>		- Health Skin Corrosion Irritation			
		<u>Pure</u>		Days on Site: 365	<u>Ambient</u>		- Health Serious Eye Damage Eye Irritation			
DOT: 9 - Misc. Hazardous Materials Toxic	Deox-It 22L	Gallons	55	55	30		- Health Skin Corrosion	Ferrous Sulfate	10 %	7720-78-7
	<u>CAS No</u>	<u>State</u>	<u>Storage Container</u>		<u>Pressue</u>	<u>Waste Code</u>	Irritation	Sulfuric Acid	10 %	7664-93-9
		<u>Liquid</u>	Plastic/Non-metalic Drum		<u>Ambient</u>		- Health Serious Eye Damage Eye Irritation	Nitric Acid	10 %	7697-37-2
		<u>Mixture</u>		Days on Site: 365	<u>Ambient</u>					

Hazardous Materials And Wastes Inventory Matrix Report

CERS Business/Org. Metal Finishing Solutions	Chemical Location <div style="background-color: #cccccc; width: 100px; height: 20px; margin: 0 auto;"></div>	CERS ID 10418803
Facility Name Metal Finishing Solutions 870 Comstock St, Santa Clara 95054		Facility ID 43-010-119572
		Status Submitted on 1/4/2021 9:45 AM

DOT Code/Fire Haz. Class	Common Name	Unit	Quantities			Annual Waste Amount	Federal Hazard Categories	Hazardous Components (For mixture only)		
			Max. Daily	Largest Cont.	Avg. Daily			Component Name	% Wt	EHS
DOT: 8 - Corrosives (Liquids and Solids) Water Reactive, Class 2, Toxic, Corrosive	Sulfuric Acid CAS No 7664-93-9	Gallons State Liquid Type Pure	55	55	30	Ambient Ambient	- Physical Corrosive To Metal - Health Skin Corrosion Irritation - Health Serious Eye Damage Eye Irritation			
			Days on Site: 365			Waste Code				

Hazardous Materials And Wastes Inventory Matrix Report

CERS Business/Org.	Metal Finishing Solutions	Chemical Location	CERS ID 10418803
Facility Name	Metal Finishing Solutions	<div style="background-color: #cccccc; width: 100px; height: 20px;"></div>	Facility ID 43-010-119572
	870 Comstock St, Santa Clara 95054		Status Submitted on 1/4/2021 9:45 AM

DOT Code/Fire Haz. Class	Common Name	Unit	Quantities			Annual Waste Amount	Federal Hazard Categories	Hazardous Components (For mixture only)		
			Max. Daily	Largest Cont.	Avg. Daily			Component Name	% Wt	EHS CAS No.
DOT: 3 - Flammable and Combustible Liquids Combustible Liquid, Class III-B	Propylene Glycol Solution	Gallons	500	500	500	- Physical	Propylene Glycol	40 %	57-55-6	
	<u>CAS No</u>	<u>State</u>	<u>Storage Container</u>	<u>Pressue</u>	<u>Waste Code</u>	Flammable - Health Skin	Water	60 %	7732-18-5	
		<u>Liquid</u>	Tank Inside Building, Other		<u>Ambient</u>	Corrosion Irritation - Health Serious Eye Damage Eye Irritation				
		<u>Type</u>	Mixture Days on Site: 365		<u>Temperature</u>					
					< Ambient					

Hazardous Materials And Wastes Inventory Matrix Report

CERS Business/Org. Metal Finishing Solutions Facility Name Metal Finishing Solutions 870 Comstock St, Santa Clara 95054	Chemical Location <div style="border: 1px solid black; width: 100px; height: 20px; margin: 0 auto;"></div>	CERS ID 10418803 Facility ID 43-010-119572 Status Submitted on 1/4/2021 9:45 AM
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DOT Code/Fire Haz. Class	Common Name	Unit	Quantities			Annual Waste Amount	Federal Hazard Categories	Hazardous Components (For mixture only)		
			Max. Daily	Largest Cont.	Avg. Daily			Component Name	% Wt	EHS CAS No.
DOT: 8 - Corrosives (Liquids and Solids) Corrosive	Station 02: ALKALINE CLEANER (INPROCLEAN 3800) CAS No	Gallons	1200	1200	1200		- Physical	Sodium Metasilicate	3 %	6834-92-0
		<u>State</u>	<u>Storage Container</u>		<u>Pressue</u>		Corrosive To			
		Liquid	Tank Inside Building		Ambient		Metal	Nonyl Phenoxy Polyethoxy Ethanol	3 %	9016-45-9
		<u>Type</u>			<u>Temperature</u>		- Health Skin	Sodium Xylenesulfonate	1 %	1300-72-7
		Mixture	Days on Site: 365		> Ambient	Corrosion	Water	93 %	7732-18-5	
						Irritation				
						- Health Serious				
						Eye Damage Eye				
						Irritation				
DOT: 8 - Corrosives (Liquids and Solids) Corrosive	Station 08: CHROME-FREE ALODINE CAS No	Gallons	1200	1200	1200		- Physical	Proprietary Aldine Ingredients	1 %	735517-5168P
		<u>State</u>	<u>Storage Container</u>		<u>Pressue</u>		Corrosive To			
		Liquid	Tank Inside Building		Ambient		Metal	Water	99 %	7732-18-5
		<u>Type</u>			<u>Temperature</u>		- Health Skin			
		Mixture	Days on Site: 365		Ambient	Corrosion				
						Irritation				
						- Health Serious				
						Eye Damage Eye				
						Irritation				
DOT: 8 - Corrosives (Liquids and Solids) Corrosive	Station 5: DEOXIDIZER CAS No	Gallons	1200	1200	1200		- Physical	Sulfuric Acid	3 %	✓ 7664-93-9
		<u>State</u>	<u>Storage Container</u>		<u>Pressue</u>		Corrosive To			
		Liquid	Tank Inside Building		Ambient		Metal	Hydrofluoric Acid	1 %	7664-39-3
		<u>Type</u>			<u>Temperature</u>		- Health Skin	Water	96 %	7732-18-5
		Mixture	Days on Site: 365		Ambient	Corrosion				
						Irritation				
						- Health Serious				
						Eye Damage Eye				
						Irritation				

Hazardous Materials And Wastes Inventory Matrix Report

CERS Business/Org. Metal Finishing Solutions	Chemical Location <div style="background-color: white; width: 100px; height: 20px; margin: 0 auto;"></div>	CERS ID 10418803
Facility Name Metal Finishing Solutions 870 Comstock St, Santa Clara 95054		Facility ID 43-010-119572
		Status Submitted on 1/4/2021 9:45 AM

DOT Code/Fire Haz. Class	Common Name	Unit	Quantities			Annual Waste Amount	Federal Hazard Categories	Hazardous Components (For mixture only)		
			Max. Daily	Largest Cont.	Avg. Daily			Component Name	% Wt	EHS
Flammable Gas	Propane <u>CAS No</u> 74-98-6	Gallons <u>State</u> Liquid <u>Type</u>	30	7.5	20	<u>Waste Code</u>	- Physical Gas Under Pressure - Physical Explosive - Health Simple Asphyxiant			
		Days on Site: 365								

Hazardous Materials And Wastes Inventory Matrix Report

CERS Business/Org. Metal Finishing Solutions Facility Name Metal Finishing Solutions 870 Comstock St, Santa Clara 95054	Chemical Location <div style="border: 1px solid black; width: 50px; height: 20px; margin: 0 auto;"></div>	CERS ID 10418803 Facility ID 43-010-119572 Status Submitted on 1/4/2021 9:45 AM
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DOT Code/Fire Haz. Class	Common Name	Unit	Quantities			Annual Waste Amount	Federal Hazard Categories	Hazardous Components (For mixture only)		
			Max. Daily	Largest Cont.	Avg. Daily			Component Name	% Wt	EHS CAS No.
DOT: 6.1 - Toxic Substances	Tank #AL-01: Clear Alodine	Gallons	500	500	500	- Health	Chromium Trioxide	1 %	1333-82-0	
Toxic	<u>CAS No</u>	<u>State</u>	<u>Storage Container</u>		<u>Pressue</u>	<u>Waste Code</u>	Water	99 %	7732-18-5	
		Liquid	Tank Inside Building		Ambient		- Health Skin			
		<u>Type</u>			<u>Temperature</u>		Corrosion			
		Mixture	Days on Site: 365		Ambient		Irritation			
							- Health			
							Respiratory Skin			
							Sensitization			
							- Health Serious			
							Eye Damage Eye			
							Irritation			
DOT: 6.1 - Toxic Substances	Tank #AL-02: Gold Alodine	Gallons	500	500	500	- Health	Chromium Trioxide	1 %	1333-82-0	
Toxic	<u>CAS No</u>	<u>State</u>	<u>Storage Container</u>		<u>Pressue</u>	<u>Waste Code</u>	Water	99 %	7732-18-5	
		Liquid	Tank Inside Building		Ambient		- Health Acute			
		<u>Type</u>			<u>Temperature</u>		Toxicity			
		Mixture	Days on Site: 365		Ambient		- Health Skin			
							Corrosion			
							Irritation			
							- Health			
							Respiratory Skin			
							Sensitization			
							- Health Serious			
							Eye Damage Eye			
							Irritation			
							- Health Germ			
							Cell Mutagenicity			
DOT: 9 - Misc. Hazardous Materials	Tank #AL-03: Rinse-Static/Spray	Gallons	500	500	500	- Health Hazard	Chemicals	1 %	N/A	
	<u>CAS No</u>	<u>State</u>	<u>Storage Container</u>		<u>Pressue</u>	<u>Waste Code</u>	Water	99 %	7732-18-5	
		Liquid	Tank Inside Building		Ambient		Not Otherwise			
		<u>Type</u>			<u>Temperature</u>		Classified			
		Mixture	Days on Site: 365		Ambient					
DOT: 9 - Misc. Hazardous Materials	Tank #AL-04: Rinse-Static	Gallons	500	500	500	- Health Hazard	Chemicals	1 %	N/A	
	<u>CAS No</u>	<u>State</u>	<u>Storage Container</u>		<u>Pressue</u>	<u>Waste Code</u>	Water	99 %	7732-18-5	
		Liquid	Tank Inside Building		Ambient		Not Otherwise			
		<u>Type</u>			<u>Temperature</u>		Classified			
		Mixture	Days on Site: 365		Ambient					
DOT: 9 - Misc. Hazardous Materials	Tank #AL-05: Rinse-Hot DI Flowing	Gallons	500	500	500	- Health Hazard	Chemicals	1 %	N/A	
	<u>CAS No</u>	<u>State</u>	<u>Storage Container</u>		<u>Pressue</u>	<u>Waste Code</u>	Water	99 %	7732-18-5	
		Liquid	Tank Inside Building		Ambient		Not Otherwise			
		<u>Type</u>			<u>Temperature</u>		Classified			
		Mixture	Days on Site: 365		> Ambient					

Hazardous Materials And Wastes Inventory Matrix Report

CERS Business/Org. Metal Finishing Solutions Facility Name Metal Finishing Solutions 870 Comstock St, Santa Clara 95054	Chemical Location <div style="border: 1px solid black; width: 100px; height: 20px; margin: 0 auto;"></div>	CERS ID 10418803 Facility ID 43-010-119572 Status Submitted on 1/4/2021 9:45 AM
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DOT Code/Fire Haz. Class	Common Name	Unit	Quantities			Annual Waste Amount	Federal Hazard Categories	Hazardous Components (For mixture only)		
			Max. Daily	Largest Cont.	Avg. Daily			Component Name	% Wt	EHS CAS No.
DOT: 8 - Corrosives (Liquids and Solids) Corrosive, Toxic, Water Reactive, Class 1	Tank #AN-01: Anodize Type II	Gallons	500	500	500	- Health Skin Corrosion Irritation - Health Serious Eye Damage Eye Irritation	Sulfuric Acid	16 %	7663-93-9	
	<u>CAS No</u>	<u>State</u>	<u>Storage Container</u>	<u>Pressue</u>	<u>Waste Code</u>		Water	84 %	7732-18-5	
		Liquid	Tank Inside Building	Ambient						
		<u>Type</u> Mixture	Days on Site: 365	<u>Temperature</u> < Ambient						
DOT: 8 - Corrosives (Liquids and Solids) Corrosive, Toxic, Water Reactive, Class 1	Tank #AN-02: Anodize Type III	Gallons	500	500	500	- Health Skin Corrosion Irritation - Health Serious Eye Damage Eye Irritation	Sulfuric Acid	16 %	7664-93-9	
	<u>CAS No</u>	<u>State</u>	<u>Storage Container</u>	<u>Pressue</u>	<u>Waste Code</u>		Water	84 %	7732-18-5	
		Liquid	Tank Inside Building	Ambient						
		<u>Type</u> Mixture	Days on Site: 365	<u>Temperature</u> < Ambient						
DOT: 9 - Misc. Hazardous Materials	Tank #AN-03: Rinse-Flowing	Gallons	500	500	500	- Health Hazard Not Otherwise Classified	Chemicals	1 %	N/A	
	<u>CAS No</u>	<u>State</u>	<u>Storage Container</u>	<u>Pressue</u>	<u>Waste Code</u>		Water	99 %	7732-18-5	
		Liquid	Tank Inside Building	Ambient						
		<u>Type</u> Mixture	Days on Site: 365	<u>Temperature</u> Ambient						
DOT: 9 - Misc. Hazardous Materials	Tank #AN-04: Black Dye	Gallons	500	500	500	- Health Skin Corrosion Irritation - Health Serious Eye Damage Eye Irritation	Proprietary Dye	1 %	N/A	
	<u>CAS No</u>	<u>State</u>	<u>Storage Container</u>	<u>Pressue</u>	<u>Waste Code</u>		Water	99 %	7732-18-5	
		Liquid	Tank Inside Building	Ambient						
		<u>Type</u> Mixture	Days on Site: 365	<u>Temperature</u> > Ambient						
DOT: 9 - Misc. Hazardous Materials	Tank #AN-05: Rinse-Flowing	Gallons	500	500	500	- Health Hazard Not Otherwise Classified	Chemicals	1 %	N/A	
	<u>CAS No</u>	<u>State</u>	<u>Storage Container</u>	<u>Pressue</u>	<u>Waste Code</u>		Water	99 %	7732-18-5	
		Liquid	Tank Inside Building	Ambient						
		<u>Type</u> Mixture	Days on Site: 365	<u>Temperature</u> Ambient						
DOT: 9 - Misc. Hazardous Materials Toxic	Tank #AN-06: Nickel Seal	Gallons	500	500	500	- Health Carcinogenicity - Health Acute Toxicity - Health Reproductive Toxicity - Health Skin Corrosion Irritation - Health Respiratory Skin Sensitization - Health Serious Eye Damage Eye Irritation	Nickel Acetate	1 %	6018-89-9	
	<u>CAS No</u>	<u>State</u>	<u>Storage Container</u>	<u>Pressue</u>	<u>Waste Code</u>		Water	99 %	773218-5	
		Liquid	Tank Inside Building	Ambient						
		<u>Type</u> Mixture	Days on Site: 365	<u>Temperature</u> > Ambient						

Hazardous Materials And Wastes Inventory Matrix Report

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DOT Code/Fire Haz. Class	Common Name	Unit	Quantities			Annual Waste Amount	Federal Hazard Categories	Hazardous Components (For mixture only)		
			Max. Daily	Largest Cont.	Avg. Daily			Component Name	% Wt	EHS CAS No.
DOT: 9 - Misc. Hazardous Materials	Tank #AN-07: Rinse-Static	Gallons	500	500	500	- Health Hazard Not Otherwise Classified	Chemicals	1 %	N/A	
	<u>CAS No</u>	<u>State</u>	<u>Storage Container</u>	<u>Pressue</u>	<u>Waste Code</u>		Water	99 %	7732-18-5	
		Liquid	Tank Inside Building	Ambient						
		<u>Type</u> Mixture	Days on Site: 365	<u>Temperature</u> Ambient						
DOT: 9 - Misc. Hazardous Materials	Tank #AN-08: Rinse-Flowing	Gallons	500	500	500	- Health Hazard Not Otherwise Classified	Chemicals	1 %	N/A	
	<u>CAS No</u>	<u>State</u>	<u>Storage Container</u>	<u>Pressue</u>	<u>Waste Code</u>		Water	99 %	7732-18-5	
		Liquid	Tank Inside Building	Ambient						
		<u>Type</u> Mixture	Days on Site: 365	<u>Temperature</u> Ambient						
DOT: 9 - Misc. Hazardous Materials	Tank #CA-01: Soap Cleaner	Gallons	500	500	500	- Health Hazard Not Otherwise Classified	Sodium Tetraborate, Pentahydrate	5 %	1330-43-4	
	<u>CAS No</u>	<u>State</u>	<u>Storage Container</u>	<u>Pressue</u>	<u>Waste Code</u>		Sodium Dodecylbenzene Sulfonate	2 %	2515-53-0	
		Liquid	Tank Inside Building	Ambient			Water	93 %	7732-18-5	
		<u>Type</u> Mixture	Days on Site: 365	<u>Temperature</u> > Ambient						
DOT: 9 - Misc. Hazardous Materials	Tank #CA-02: Rinse - Flowing	Gallons	500	500	500	- Health Hazard Not Otherwise Classified	Chemicals	1 %	N/A	
	<u>CAS No</u>	<u>State</u>	<u>Storage Container</u>	<u>Pressue</u>	<u>Waste Code</u>		Water	99 %	7732-18-5	
		Liquid	Tank Inside Building	Ambient						
		<u>Type</u> Mixture	Days on Site: 365	<u>Temperature</u> Ambient						
DOT: 8 - Corrosives (Liquids and Solids) Corrosive, Water Reactive, Class 1	Tank #CA-03: Caustic Etch	Gallons	500	500	500	- Health Acute Toxicity - Health Skin Corrosion - Health Serious Eye Damage Eye Irritation	Sodium Hydroxide	5 %	1310-73-2	
	<u>CAS No</u>	<u>State</u>	<u>Storage Container</u>	<u>Pressue</u>	<u>Waste Code</u>		Water	95 %	7732-18-5	
		Liquid	Tank Inside Building	Ambient						
		<u>Type</u> Mixture	Days on Site: 365	<u>Temperature</u> > Ambient						
DOT: 9 - Misc. Hazardous Materials	Tank #CA-04: Rinse-Flowing	Gallons	500	500	500	- Health Hazard Not Otherwise Classified	Chemicals	1 %	N/A	
	<u>CAS No</u>	<u>State</u>	<u>Storage Container</u>	<u>Pressue</u>	<u>Waste Code</u>		Water	99 %	7732-18-5	
		Liquid	Tank Inside Building	Ambient						
		<u>Type</u> Mixture	Days on Site: 365	<u>Temperature</u> Ambient						
DOT: 8 - Corrosives (Liquids and Solids) Corrosive, Oxidizing, Class 1	Tank #CA-05: Deoxidizer	Gallons	500	500	500	- Health Skin Corrosion Irritation - Health Serious Eye Damage Eye Irritation	Fluoboric Acid	1 %	16872-11-0	
	<u>CAS No</u>	<u>State</u>	<u>Storage Container</u>	<u>Pressue</u>	<u>Waste Code</u>		Sulfuric Acid	6 %	7664-93-9	
		Liquid	Tank Inside Building	Ambient			Nitric Acid	6 %	7697-37-2	
		<u>Type</u> Mixture	Days on Site: 365	<u>Temperature</u> Ambient			Water	87 %	7732-18-5	

Hazardous Materials And Wastes Inventory Matrix Report

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DOT Code/Fire Haz. Class	Common Name	Unit	Quantities			Annual Waste Amount	Federal Hazard Categories	Hazardous Components (For mixture only)		
			Max. Daily	Largest Cont.	Avg. Daily			Component Name	% Wt	EHS CAS No.
DOT: 9 - Misc. Hazardous Materials	Tank #CA-06: Rinse-Flowing	Gallons	500	500	500	- Health Hazard Not Otherwise Classified	Chemicals	1 %	N/A	
	<u>CAS No</u>	<u>State</u>	<u>Storage Container</u>	<u>Pressue</u>	<u>Waste Code</u>		Water	99 %	7732-18-5	
		Liquid	Tank Inside Building	Ambient						
		<u>Type</u> Mixture	Days on Site: 365	<u>Temperature</u> Ambient						
DOT: 9 - Misc. Hazardous Materials	Tank #CS-02: Rinse-Flowing	Gallons	660	660	660	- Health Hazard Not Otherwise Classified	Chemicals	1 %	N/A	
	<u>CAS No</u>	<u>State</u>	<u>Storage Container</u>	<u>Pressue</u>	<u>Waste Code</u>		Water	99 %	7732-18-5	
		Liquid	Tank Inside Building	Ambient						
		<u>Type</u> Mixture	Days on Site: 365	<u>Temperature</u> Ambient						
DOT: 8 - Corrosives (Liquids and Solids) Corrosive	Tank #CS-03: Hydrochloric Acid	Gallons	660	660	660	- Health Acute Toxicity - Health Skin Corrosion - Health Serious Eye Damage Eye Irritation	Hydrochloric Acid	16 %	7647-01-0	
	<u>CAS No</u>	<u>State</u>	<u>Storage Container</u>	<u>Pressue</u>	<u>Waste Code</u>		Water	84 %	7732-18-5	
		Liquid	Tank Inside Building	Ambient						
		<u>Type</u> Mixture	Days on Site: 365	<u>Temperature</u> Ambient						
DOT: 9 - Misc. Hazardous Materials	Tank #CS-04: Rinse-Flowing	Gallons	660	660	660	- Health Hazard Not Otherwise Classified	Chemicals	1 %	N/A	
	<u>CAS No</u>	<u>State</u>	<u>Storage Container</u>	<u>Pressue</u>	<u>Waste Code</u>		Water	99 %	7732-18-5	
		Liquid	Tank Inside Building	Ambient						
		<u>Type</u> Mixture	Days on Site: 365	<u>Temperature</u> Ambient						
DOT: 8 - Corrosives (Liquids and Solids) Corrosive, Oxidizing, Class 1	Tank #NA-01-A: Zincate Strip	Pounds	250	250	250	- Health Skin Corrosion - Health Irritation - Health Respiratory Skin Sensitization - Health Serious Eye Damage Eye Irritation	Nitric Acid	34 %	✓ 7697-37-2	
	<u>CAS No</u>	<u>State</u>	<u>Storage Container</u>	<u>Pressue</u>	<u>Waste Code</u>		Water	66 %	7732-18-5	
		Liquid	Tank Inside Building	Ambient						
		<u>Type</u> Mixture	Days on Site: 365	<u>Temperature</u> Ambient						
DOT: 8 - Corrosives (Liquids and Solids) Corrosive	Tank #NA-01-B: Zincate	Gallons	250	250	250	- Health Skin Corrosion - Health Irritation - Health Respiratory Skin Sensitization - Health Serious Eye Damage Eye Irritation	Sodium Hydroxide	8 %	1310-73-2	
	<u>CAS No</u>	<u>State</u>	<u>Storage Container</u>	<u>Pressue</u>	<u>Waste Code</u>		Zinc	1 %	7440-66-6	
		Liquid	Tank Inside Building	Ambient			Water	91 %	7732-18-5	
		<u>Type</u> Mixture	Days on Site: 365	<u>Temperature</u> Ambient						

Hazardous Materials And Wastes Inventory Matrix Report

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DOT Code/Fire Haz. Class	Common Name	Unit	Quantities			Annual Waste Amount	Federal Hazard Categories	Hazardous Components (For mixture only)		
			Max. Daily	Largest Cont.	Avg. Daily			Component Name	% Wt	EHS CAS No.
DOT: 9 - Misc. Hazardous Materials	Tank #NA-02-A: Rinse-Static	Gallons	500	500	500	- Health Hazard Not Otherwise Classified	Chemicals	1 %	N/A	
	<u>CAS No</u>	<u>State</u>	<u>Storage Container</u>	<u>Pressue</u>	<u>Waste Code</u>		Water	99 %	7732-18-5	
		<u>Liquid</u>	Tank Inside Building	<u>Ambient</u>						
		<u>Type</u>	Mixture	<u>Temperature</u>						
			Days on Site: 365		Ambient					
DOT: 9 - Misc. Hazardous Materials	Tank #NA-02-B: Rinse-Static	Gallons	250	250	250	- Health Hazard Not Otherwise Classified	Chemicals	1 %	N/A	
	<u>CAS No</u>	<u>State</u>	<u>Storage Container</u>	<u>Pressue</u>	<u>Waste Code</u>		Water	99 %	7732-18-5	
		<u>Liquid</u>	Tank Inside Building	<u>Ambient</u>						
		<u>Type</u>	Mixture	<u>Temperature</u>						
			Days on Site: 365		Ambient					
DOT: 8 - Corrosives (Liquids and Solids) Corrosive, Toxic	Tank #NA-03: Gold Chromate	Gallons	500	500	500	- Physical Corrosive To Metal - Health Carcinogenicity - Health Acute Toxicity - Health Skin Corrosion Irritation - Health Serious Eye Damage Eye Irritation - Health Specific Target Organ Toxicity	Chromium Trioxide	3 %	1333-82-0	
	<u>CAS No</u>	<u>State</u>	<u>Storage Container</u>	<u>Pressue</u>	<u>Waste Code</u>		Water	97 %	7732-18-5	
		<u>Liquid</u>	Tank Inside Building	<u>Ambient</u>						
		<u>Type</u>	Mixture	<u>Temperature</u>						
			Days on Site: 365		Ambient					

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DOT Code/Fire Haz. Class	Common Name	Unit	Quantities			Annual Waste Amount	Federal Hazard Categories	Hazardous Components (For mixture only)		
			Max. Daily	Largest Cont.	Avg. Daily			Component Name	% Wt	EHS CAS No.
DOT: 6.1 - Toxic Substances	Tank #NA-03-A: Electroless Nickel	Gallons	250	250	250	- Health	Nickel Sulfate	8 %	7786-81-4	
Toxic	<u>CAS No</u>	<u>State</u>	<u>Storage Container</u>		<u>Pressue</u>	<u>Waste Code</u>	Carcinogenicity	Sodium Hypophosphite	5 %	7681-53-0
		Liquid	Tank Inside Building		Ambient		- Health Acute	Ammonium Hydroxide	1 %	1336-21-6
		<u>Type</u>			<u>Temperature</u>		Toxicity			
		Mixture	Days on Site: 365		> Ambient		- Health			
							Reproductive			
							Toxicity			
							- Health Skin			
							Corrosion			
							Irritation			
							- Health			
							Respiratory Skin			
							Sensitization			
							- Health Serious			
							Eye Damage Eye			
							Irritation			
							- Health Specific			
							Target Organ			
							Toxicity			
							- Health Germ			
							Cell Mutagenicity			
DOT: 9 - Misc. Hazardous Materials	Tank #NA-03-B: Rinse-Static	Gallons	250	250	250	- Health Hazard	Chemicals	1 %	N/A	
	<u>CAS No</u>	<u>State</u>	<u>Storage Container</u>		<u>Pressue</u>	<u>Waste Code</u>	Not Otherwise			
		Liquid	Tank Inside Building		Ambient		Classified	Water	99 %	7732-18-5
		<u>Type</u>			<u>Temperature</u>					
		Mixture	Days on Site: 365		Ambient					
DOT: 9 - Misc. Hazardous Materials	Tank #NA-04: Rinse-Static	Gallons	500	500	500	- Health Hazard	Chemicals	1 %	N/A	
	<u>CAS No</u>	<u>State</u>	<u>Storage Container</u>		<u>Pressue</u>	<u>Waste Code</u>	Not Otherwise			
		Liquid	Tank Inside Building		Ambient		Classified	Water	99 %	7732-18-5
		<u>Type</u>			<u>Temperature</u>					
		Mixture	Days on Site: 365		Ambient					

Hazardous Materials And Wastes Inventory Matrix Report

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DOT Code/Fire Haz. Class	Common Name	Unit	Quantities			Annual Waste Amount	Federal Hazard Categories	Hazardous Components (For mixture only)		
			Max. Daily	Largest Cont.	Avg. Daily			Component Name	% Wt	EHS CAS No.
DOT: 8 - Corrosives (Liquids and Solids) Corrosive, Toxic	Tank #NA-05-A: Clear Chromate	Gallons	250	250	250	- Physical Corrosive To Metal	Chromium(III) Complex	1 %	N/A	
	<u>CAS No</u>	<u>State</u>	<u>Storage Container</u>	<u>Pressue</u>	<u>Waste Code</u>		Water	99 %	7732-18-5	
		<u>Liquid</u>	Tank Inside Building	<u>Ambient</u>						
		<u>Type</u>	Mixture	Days on Site: 365	<u>Temperature</u>					
DOT: 9 - Misc. Hazardous Materials	Tank #NA-06: Rinse-Static	Gallons	500	500	500	- Health Hazard Not Otherwise Classified	Chemicals	1 %	N/A	
	<u>CAS No</u>	<u>State</u>	<u>Storage Container</u>	<u>Pressue</u>	<u>Waste Code</u>		Water	99 %	7732-18-5	
		<u>Liquid</u>	Tank Inside Building	<u>Ambient</u>						
		<u>Type</u>	Mixture	Days on Site: 365	<u>Temperature</u>					
DOT: 9 - Misc. Hazardous Materials Corrosive	Tank #NA-07: 0.25% Nitric Acid	Gallons	500	500	500	- Physical Corrosive To Metal	Nitric Acid	0 %	✓ 7697-37-2	
	<u>CAS No</u>	<u>State</u>	<u>Storage Container</u>	<u>Pressue</u>	<u>Waste Code</u>		Water	100 %	7732-18-5	
		<u>Liquid</u>	Tank Inside Building	<u>Ambient</u>						
		<u>Type</u>	Mixture	Days on Site: 365	<u>Temperature</u>					
DOT: 8 - Corrosives (Liquids and Solids) Corrosive	Tank #NS-01: Acid Zinc	Gallons	500	500	500	- Health Skin Corrosion Irritation	Zinc Chloride	10 %	7646-85-7	
	<u>CAS No</u>	<u>State</u>	<u>Storage Container</u>	<u>Pressue</u>	<u>Waste Code</u>		Potassium Chloride	23 %	7447-40-7	
		<u>Liquid</u>	Tank Inside Building	<u>Ambient</u>			Boric Acid	3 %	10043-35-3	
		<u>Type</u>	Mixture	Days on Site: 365	<u>Temperature</u>		Water	64 %	7732-18-5	
DOT: 8 - Corrosives (Liquids and Solids) Corrosive, Toxic	Tank #NS-01: Bright Nickel	Gallons	660	660	660	- Health Carcinogenicity - Health Reproductive Toxicity - Health Skin Corrosion Irritation - Health Serious Eye Damage Eye Irritation	Nickel Chloride	10 %	7718-54-9	
	<u>CAS No</u>	<u>State</u>	<u>Storage Container</u>	<u>Pressue</u>	<u>Waste Code</u>		Nickel Sulfate	27 %	7786-81-4	
		<u>Liquid</u>	Tank Inside Building	<u>Ambient</u>			Boric Acid	6 %	10043-35-3	
		<u>Type</u>	Mixture	Days on Site: 365	<u>Temperature</u>	> Ambient	Water	58 %	7732-18-5	

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DOT Code/Fire Haz. Class	Common Name	Unit	Quantities			Annual Waste Amount	Federal Hazard Categories	Hazardous Components (For mixture only)		
			Max. Daily	Largest Cont.	Avg. Daily			Component Name	% Wt	EHS CAS No.
DOT: 9 - Misc. Hazardous Materials	Tank #NS-02-A: Rinse-Static	Gallons	250	250	250	- Health Hazard Not Otherwise Classified	Chemicals	1 %	N/A	
	<u>CAS No</u>	<u>State</u>	<u>Storage Container</u>	<u>Pressue</u>	<u>Waste Code</u>		Water	99 %	7732-18-5	
		<u>Liquid</u>	Tank Inside Building	<u>Ambient</u>						
		<u>Type</u>	Mixture	<u>Temperature</u>						
			Days on Site: 365		Ambient					
DOT: 9 - Misc. Hazardous Materials	Tank #NS-02-B: Rinse-Static	Gallons	250	250	250	- Health Hazard Not Otherwise Classified	Chemicals	1 %	N/A	
	<u>CAS No</u>	<u>State</u>	<u>Storage Container</u>	<u>Pressue</u>	<u>Waste Code</u>		Water	99 %	7732-18-5	
		<u>Liquid</u>	Tank Inside Building	<u>Ambient</u>						
		<u>Type</u>	Mixture	<u>Temperature</u>						
			Days on Site: 365		Ambient					
DOT: 9 - Misc. Hazardous Materials Toxic	Tank #NS-04: Electroless Nickel	Gallons	500	500	500	- Health Carcinogenicity - Health Acute Toxicity - Health Reproductive Toxicity - Health Skin Corrosion Irritation - Health Respiratory Skin Sensitization - Health Specific Target Organ Toxicity - Health Germ Cell Mutagenicity	Nickel Sulfate	8 %	7786-81-4	
	<u>CAS No</u>	<u>State</u>	<u>Storage Container</u>	<u>Pressue</u>	<u>Waste Code</u>		Sodium Hypophosphite	5 %	7681-53-0	
		<u>Liquid</u>	Tank Inside Building	<u>Ambient</u>			Ammonium Hydroxide	1 %	1336-21-6	
		<u>Type</u>	Mixture	<u>Temperature</u>			Acetic Acid	1 %	64-19-7	
			Days on Site: 365		> Ambient	Water	85 %	7732-18-5		
DOT: 9 - Misc. Hazardous Materials	Tank #NS-05-A: Rinse-Static	Gallons	250	250	250	- Health Hazard Not Otherwise Classified	Chemicals	1 %	N/A	
	<u>CAS No</u>	<u>State</u>	<u>Storage Container</u>	<u>Pressue</u>	<u>Waste Code</u>		Water	99 %	7732-18-5	
		<u>Liquid</u>	Tank Inside Building	<u>Ambient</u>						
		<u>Type</u>	Mixture	<u>Temperature</u>						
			Days on Site: 365		Ambient					
DOT: 9 - Misc. Hazardous Materials	Tank #NS-05-B: Rinse-Static	Gallons	250	250	250	- Health Hazard Not Otherwise Classified	Chemicals	1 %	N/A	
	<u>CAS No</u>	<u>State</u>	<u>Storage Container</u>	<u>Pressue</u>	<u>Waste Code</u>		Water	99 %	7732-18-5	
		<u>Liquid</u>	Tank Inside Building	<u>Ambient</u>						
		<u>Type</u>	Mixture	<u>Temperature</u>						
			Days on Site: 365		> Ambient					

Hazardous Materials And Wastes Inventory Matrix Report

CERS Business/Org. Metal Finishing Solutions Facility Name Metal Finishing Solutions 870 Comstock St, Santa Clara 95054	Chemical Location <div style="border: 1px solid black; width: 50px; height: 20px; margin: 0 auto;"></div>	CERS ID 10418803 Facility ID 43-010-119572 Status Submitted on 1/4/2021 9:45 AM
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DOT Code/Fire Haz. Class	Common Name	Unit	Quantities			Annual Waste Amount	Federal Hazard Categories	Hazardous Components (For mixture only)		
			Max. Daily	Largest Cont.	Avg. Daily			Component Name	% Wt	EHS CAS No.
DOT: 9 - Misc. Hazardous Materials	Tank #NS-06: Rinse-Flowing	Gallons	500	500	500	- Health Hazard Not Otherwise Classified	Chemicals	1 %	N/A	
	<u>CAS No</u>	<u>State</u>	<u>Storage Container</u>	<u>Pressue</u>	<u>Waste Code</u>		Water	99 %	7732-18-5	
		Liquid	Tank Inside Building	Ambient						
		<u>Type</u>		<u>Temperature</u>						
	Mixture	Days on Site: 365	Ambient							
DOT: 9 - Misc. Hazardous Materials	Tank #NS-07: Rinse-Hot DI Flowing	Gallons	500	500	500	- Health Hazard Not Otherwise Classified	Chemicals	1 %	N/A	
	<u>CAS No</u>	<u>State</u>	<u>Storage Container</u>	<u>Pressue</u>	<u>Waste Code</u>		Water	99 %	7732-18-5	
		Liquid	Tank Inside Building	Ambient						
		<u>Type</u>		<u>Temperature</u>						
	Mixture	Days on Site: 365	> Ambient							
DOT: 9 - Misc. Hazardous Materials	Tank #PH-01: Phosphate,Iron	Gallons	660	660	660	- Health Skin Corrosion Irritation - Health Respiratory Skin Sensitization - Health Serious Eye Damage Eye Irritation	Phosphoric Acid	1 %	7664-38-2	
	<u>CAS No</u>	<u>State</u>	<u>Storage Container</u>	<u>Pressue</u>	<u>Waste Code</u>		Nonylphenoxy Polyethoxyethanol	1 %	9016-45-9	
		Liquid	Tank Inside Building	Ambient			Hydrofluoric Acid	1 %	7664-39-3	
		<u>Type</u>		<u>Temperature</u>			Diethylene Glycol Butyl Ether	1 %	1112-34-5	
	Mixture	Days on Site: 365	> Ambient			Water	96 %	7732-18-5		
DOT: 9 - Misc. Hazardous Materials	Tank #PH-02: Rinse-Water Holding	Gallons	660	660	660	- Health Hazard Not Otherwise Classified	Chemicals	1 %	N/A	
	<u>CAS No</u>	<u>State</u>	<u>Storage Container</u>	<u>Pressue</u>	<u>Waste Code</u>		Water	99 %	7732-18-5	
		Liquid	Tank Inside Building	Ambient						
		<u>Type</u>		<u>Temperature</u>						
	Mixture	Days on Site: 365	Ambient							
DOT: 9 - Misc. Hazardous Materials	Tank #PH-03: Rinse-Hot DI Flowing	Gallons	660	660	660	- Health Hazard Not Otherwise Classified	Chemicals	1 %	N/A	
	<u>CAS No</u>	<u>State</u>	<u>Storage Container</u>	<u>Pressue</u>	<u>Waste Code</u>		Water	99 %	7732-18-5	
		Liquid	Tank Inside Building	Ambient						
		<u>Type</u>		<u>Temperature</u>						
	Mixture	Days on Site: 365	> Ambient							
DOT: 6.1 - Toxic Substances Corrosive, Toxic, Water Reactive, Class 1	Tank #ST-01: Electropolish	Gallons	330	330	330	- Physical Corrosive To Metal - Health Skin Corrosion Irritation - Health Serious Eye Damage Eye Irritation	Sulfuric Acid	25 %	7664-93-9	
	<u>CAS No</u>	<u>State</u>	<u>Storage Container</u>	<u>Pressue</u>	<u>Waste Code</u>		Phosphoric Acid	60 %	7664-38-2	
		Liquid	Tank Inside Building	Ambient			Water	15 %	7732-18-5	
		<u>Type</u>		<u>Temperature</u>						
	Mixture	Days on Site: 365	Ambient							

Hazardous Materials And Wastes Inventory Matrix Report

CERS Business/Org. Metal Finishing Solutions Facility Name Metal Finishing Solutions 870 Comstock St, Santa Clara 95054	Chemical Location <div style="border: 1px solid black; width: 100px; height: 20px; margin: 0 auto;"></div>	CERS ID 10418803 Facility ID 43-010-119572 Status Submitted on 1/4/2021 9:45 AM
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DOT Code/Fire Haz. Class	Common Name	Unit	Quantities			Annual Waste Amount	Federal Hazard Categories	Hazardous Components (For mixture only)		
			Max. Daily	Largest Cont.	Avg. Daily			Component Name	% Wt	EHS CAS No.
DOT: 9 - Misc. Hazardous Materials	Tank #ST-02: Rinse-Static	Gallons	330	330	330	- Health Hazard Not Otherwise Classified	Chemicals	1 %	N/A	
	<u>CAS No</u>	<u>State</u>	<u>Storage Container</u>	<u>Pressue</u>	<u>Waste Code</u>		Water	99 %	7732-18-5	
		Liquid	Tank Inside Building	Ambient						
		<u>Type</u>		<u>Temperature</u>						
	Mixture	Days on Site: 365	Ambient							
DOT: 9 - Misc. Hazardous Materials	Tank #ST-03: Passivation	Gallons	330	330	330	- Health Skin Corrosion - Health Hazard Irritation - Health Serious Eye Damage Eye Irritation	Non-Hazardous Ingredients	100 %	N/A	
	<u>CAS No</u>	<u>State</u>	<u>Storage Container</u>	<u>Pressue</u>	<u>Waste Code</u>					
		Liquid	Tank Inside Building	Ambient						
		<u>Type</u>		<u>Temperature</u>						
	Mixture	Days on Site: 365	Ambient							
DOT: 9 - Misc. Hazardous Materials	Tank #ZN-02: Rinse-Static	Gallons	500	500	500	- Health Hazard Not Otherwise Classified	Chemicals	1 %	N/A	
	<u>CAS No</u>	<u>State</u>	<u>Storage Container</u>	<u>Pressue</u>	<u>Waste Code</u>		Water	99 %	7732-18-5	
		Liquid	Tank Inside Building	Ambient						
		<u>Type</u>		<u>Temperature</u>						
	Mixture	Days on Site: 365	Ambient							
DOT: 9 - Misc. Hazardous Materials	Tank #ZN-03: Rinse-Static	Gallons	500	500	500	- Health Hazard Not Otherwise Classified	Chemicals	1 %	N/A	
	<u>CAS No</u>	<u>State</u>	<u>Storage Container</u>	<u>Pressue</u>	<u>Waste Code</u>		Water	99 %	7732-18-5	
		Liquid	Tank Inside Building	Ambient						
		<u>Type</u>		<u>Temperature</u>						
	Mixture	Days on Site: 365	Ambient							
DOT: 8 - Corrosives (Liquids and Solids) Corrosive	Tank CS-01: Electrocleaner	Gallons	660	660	660	- Physical Corrosive To Metal - Health Skin Corrosion Irritation - Health Serious Eye Damage Eye Irritation	Sodium Hydroxide	3 %	1310-73-2	
	<u>CAS No</u>	<u>State</u>	<u>Storage Container</u>	<u>Pressue</u>	<u>Waste Code</u>		Sodium Carbonate	1 %	7722-88-5	
		Liquid	Tank Inside Building	Ambient			Sodium Metasilicate Pentahydrate	1 %	6834-92-0	
		<u>Type</u>		<u>Temperature</u>			Water	95 %	7732-18-5	
	Mixture	Days on Site: 365	> Ambient							

Bi-Cmos Foundry

975 Comstock Street

Not CalARP Regulated

Approximately 0.36 mile from site

3/25/21 Haz Mat Inventory

Hazardous Materials And Wastes Inventory Matrix Report

CERS Business/Org.	Bi-Cmos Foundry	Chemical Location	CERS ID 10310836
Facility Name	Bi-Cmos Foundry	<div style="border: 1px solid black; width: 20px; height: 20px; display: inline-block;"></div>	Facility ID 43-010-071615
	975 Comstock St, Santa Clara 95054		Status Submitted on 3/25/2021 3:31 PM

DOT Code/Fire Haz. Class	Common Name	Unit	Quantities			Annual Waste Amount	Federal Hazard Categories	Hazardous Components (For mixture only)		
			Max. Daily	Largest Cont.	Avg. Daily			Component Name	% Wt	EHS CAS No.
Highly Toxic	Nano-strip	Gallons	20	1	12			Sulfuric acid	90 %	7664-93-9
	<u>CAS No</u>	<u>State</u>	<u>Storage Container</u>		<u>Pressue</u>	<u>Waste Code</u>				
	7664-93-9	Liquid	Glass Bottle or Jug							
		<u>Type</u>	<u>Mixture</u>		<u>Temperature</u>					

Hazardous Materials And Wastes Inventory Matrix Report

CERS Business/Org.	Bi-Cmos Foundry	Chemical Location	CERS ID 10310836
Facility Name	Bi-Cmos Foundry	[Redacted]	Facility ID 43-010-071615
	975 Comstock St, Santa Clara 95054		Status Submitted on 3/25/2021 3:31 PM

DOT Code/Fire Haz. Class	Common Name	Unit	Quantities			Annual Waste Amount	Federal Hazard Categories	Hazardous Components (For mixture only)		
			Max. Daily	Largest Cont.	Avg. Daily			Component Name	% Wt	EHS CAS No.
DOT: 2.2 - Nonflammable Gases	H2 15% BAL N2 (FORMING GAS)	Cu. Feet	200	400	200		- Physical Gas Under Pressure			
	<u>CAS No</u> 7727-37-9;1333-	<u>State</u> Gas	<u>Storage Container</u> Cylinder		<u>Pressue</u>	<u>Waste Code</u>	- Health Skin Corrosion Irritation			
		<u>Type</u> Mixture	Days on Site: 365		<u>Temperature</u>		- Health Serious Eye Damage Eye Irritation			

Hazardous Materials And Wastes Inventory Matrix Report

CERS Business/Org.	Bi-Cmos Foundry	Chemical Location	CERS ID 10310836
Facility Name	Bi-Cmos Foundry		Facility ID 43-010-071615
	975 Comstock St, Santa Clara 95054		Status Submitted on 3/25/2021 3:31 PM

DOT Code/Fire Haz. Class	Common Name	Unit	Quantities			Annual Waste Amount	Federal Hazard Categories	Hazardous Components (For mixture only)			
			Max. Daily	Largest Cont.	Avg. Daily			Component Name	% Wt	EHS	CAS No.
DOT: 2.1 - Flammable Gases	Silane 15% N2 85%	Pounds	15	200	15			Silane	15 %		7803-62-5
Pyrophoric	CAS No. <input type="checkbox"/> EHS 7803-62-5	State Gas	Storage Container Cylinder		Pressue	Waste Code		Nitrogen	85 %		7727-37-9
		Type Pure			Temperature						

Hazardous Materials And Wastes Inventory Matrix Report

CERS Business/Org. Bi-Cmos Foundry Facility Name Bi-Cmos Foundry 975 Comstock St, Santa Clara 95054	Chemical Location <div style="border: 1px solid black; width: 60px; height: 20px; margin: 0 auto;"></div>	CERS ID 10310836 Facility ID 43-010-071615 Status Submitted on 3/25/2021 3:31 PM
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DOT Code/Fire Haz. Class	Common Name	Unit	Quantities			Annual Waste Amount	Federal Hazard Categories	Hazardous Components (For mixture only)			
			Max. Daily	Largest Cont.	Avg. Daily			Component Name	% Wt	EHS	CAS No.
DOT: 2.1 - Flammable Gases	Silane 100%	Pounds	60	210	60						
Pyrophoric	CAS No. <u>7803-62-5</u> <input checked="" type="checkbox"/> EHS	State <u>Gas</u> Storage Container <u>Cylinder</u> Type <u>Pure</u>				Pressue <u> </u> Waste Code <u> </u> Temperature <u> </u>					

Hazardous Materials And Wastes Inventory Matrix Report

CERS Business/Org. Bi-Cmos Foundry Facility Name Bi-Cmos Foundry 975 Comstock St, Santa Clara 95054	Chemical Location <div style="border: 1px solid black; width: 60px; height: 20px; margin: 0 auto;"></div>	CERS ID 10310836 Facility ID 43-010-071615 Status Submitted on 3/25/2021 3:31 PM
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DOT Code/Fire Haz. Class	Common Name	Unit	Quantities			Annual Waste Amount	Federal Hazard Categories	Hazardous Components (For mixture only)			
			Max. Daily	Largest Cont.	Avg. Daily			Component Name	% Wt	EHS	CAS No.
DOT: 2.1 - Flammable Gases	20 % PHOSPHINE, Balance SILANE GAS MIXTURE	Pounds	20	20	20		- Physical	PHOSPHINE,	20 %	✓	7803-51-2
Pyrophoric	CAS No <input checked="" type="checkbox"/> EHS 7803-51-2	State Gas Type Pure	Storage Container Cylinder			Pressue Waste Code	Flammable - Health Acute Toxicity	SILANE	99 %	✓	1333-74-0
DOT: 2.1 - Flammable Gases	Hydrogen Gas	Cu. Feet	1200	200	200		- Physical				
Flammable Gas	CAS No 1333-74-0	State Gas Type Pure	Storage Container Cylinder			Pressue Waste Code	Flammable - Physical Gas Under Pressure				
DOT: 2.2 - Nonflammable Gases	Liquid Oxygen -Cryogenic	Cu. Feet	6895	6895	6895		- Physical Gas	Liquid Oxygen	100 %		7782-44-7
Oxidizing, Class 2	CAS No 7782-44-7	State Gas Type Pure	Storage Container Other			Pressue Waste Code	Under Pressure - Physical Oxidizer				
DOT: 8 - Corrosives (Liquids and Solids)	Sodium Hydroxide 30%	Gallons	250	250	100		- Physical				
Corrosive, Toxic, Water Reactive, Class 1	CAS No 1310-73-2	State Solid Type Pure	Storage Container Aboveground Tank			Pressue Waste Code	Corrosive To Metal - Health Skin Corrosion Irritation - Health Serious Eye Damage Eye Irritation - Health Hazard Not Otherwise Classified				

Hazardous Materials And Wastes Inventory Matrix Report

CERS Business/Org.	Bi-Cmos Foundry	Chemical Location	<input type="text"/>	CERS ID	10310836
Facility Name	Bi-Cmos Foundry			Facility ID	43-010-071615
	975 Comstock St, Santa Clara 95054			Status	Submitted on 3/25/2021 3:31 PM

DOT Code/Fire Haz. Class	Common Name	Unit	Quantities			Annual Waste Amount	Federal Hazard Categories	Hazardous Components (For mixture only)		
			Max. Daily	Largest Cont.	Avg. Daily			Component Name	% Wt	EHS
	Hazardous Waste -Liquid	Gallons	110	55	0.01		- Physical			
	<u>CAS No</u>	<u>State</u>	<u>Storage Container</u>		<u>Pressue</u>	<u>Waste Code</u>	Flammable			
		<u>Type</u>	Steel Drum		<u>Temperature</u>					
		<u>Waste</u>								

Hazardous Materials And Wastes Inventory Matrix Report

CERS Business/Org. Bi-Cmos Foundry	Chemical Location <div style="background-color: white; width: 100px; height: 20px; margin: 0 auto;"></div>	CERS ID 10310836
Facility Name Bi-Cmos Foundry 975 Comstock St, Santa Clara 95054		Facility ID 43-010-071615
		Status Submitted on 3/25/2021 3:31 PM

DOT Code/Fire Haz. Class	Common Name	Unit	Quantities			Annual Waste Amount	Federal Hazard Categories	Hazardous Components (For mixture only)		
			Max. Daily	Largest Cont.	Avg. Daily			Component Name	% Wt	EHS
DOT: 8 - Corrosives (Liquids and Solids) Corrosive, Water Reactive, Class 2	Sulfuric Acid 96% <u>CAS No</u> 7664-93-9	Gallons <u>State</u> Liquid <u>Type</u> Pure	40	40	20	- Physical Corrosive To Metal 791 - Health Skin Corrosion Irritation - Health Serious Eye Damage Eye Irritation				

CenturyLink

870 Duane Avenue

Not CalARP Regulated

Approximately 0.43 mile from site

1/27/21 Haz Mat Inventory

Hazardous Materials And Wastes Inventory Matrix Report

CERS Business/Org. CenturyLink	Chemical Location	CERS ID 10130719
Facility Name CENTURYLINK - SCLARA - SNTDCAKW 870 Duane Ave, Santa Clara 95054		Facility ID 43-010-201993
		Status Submitted on 1/27/2021 9:09 AM

DOT Code/Fire Haz. Class	Common Name	Unit	Quantities			Annual Waste Amount	Federal Hazard Categories	Hazardous Components (For mixture only)		
			Max. Daily	Largest Cont.	Avg. Daily			Component Name	% Wt	EHS CAS No.
DOT: 3 - Flammable and Combustible Liquids	Diesel Fuel	Gallons	4000	2000	3600	0	- Physical			
Combustible Liquid, Class II	CAS No 68334-30-5	State Liquid	Storage Container Aboveground Tank		Pressue Ambient	Waste Code	- Flammable			
		Type Pure	Days on Site: 365		Temperature Ambient		- Health			
							- Carcinogenicity			
							- Health Acute			
							- Toxicity			
							- Health Skin			
							- Corrosion			
							- Irritation			
							- Health Specific			
							- Target Organ			
							- Toxicity			
							- Health			
							- Aspiration Hazard			
							- Health Simple			
							- Asphyxiant			

Hazardous Materials And Wastes Inventory Matrix Report

CERS Business/Org. CenturyLink	Chemical Location	CERS ID 10130719
Facility Name CENTURYLINK - SCLARA - SNTDCAKW	[Redacted]	Facility ID 43-010-201993
870 Duane Ave, Santa Clara 95054		Status Submitted on 1/27/2021 9:09 AM

DOT Code/Fire Haz. Class	Common Name	Unit	Quantities			Annual Waste Amount	Federal Hazard Categories	Hazardous Components (For mixture only)		
			Max. Daily	Largest Cont.	Avg. Daily			Component Name	% Wt	EHS CAS No.
DOT: 8 - Corrosives (Liquids and Solids)	Lead Acid Batteries	Gallons	671	4.5	671		- Physical	Sulfuric Acid	40 %	✓ 7664-93-9
Corrosive	<u>CAS No</u>	<u>State</u>	<u>Storage Container</u>		<u>Pressue</u>		Flammable			
		Liquid	Other		Ambient	<u>Waste Code</u>	- Physical			
		<u>Type</u>			<u>Temperature</u>		Explosive			
		Mixture	Days on Site: 365		Ambient		- Physical			
							Corrosive To Metal			
							- Health			
							Carcinogenicity			
							- Health Acute			
							Toxicity			
							- Health			
							Reproductive			
							Toxicity			
							- Health Skin			
							Corrosion			
							Irritation			
							- Health			
							Respiratory Skin			
							Sensitization			
							- Health Serious			
							Eye Damage Eye			
							Irritation			
							- Health Specific			
							Target Organ			
							Toxicity			
							- Health			
							Aspiration Hazard			

Hazardous Materials And Wastes Inventory Matrix Report

CERS Business/Org. CenturyLink	Chemical Location <div style="background-color: #cccccc; width: 100px; height: 15px; margin: 0 auto;"></div>	CERS ID 10130719
Facility Name CENTURYLINK - SCLARA - SNTDCAKW 870 Duane Ave, Santa Clara 95054		Facility ID 43-010-201993 Status Submitted on 1/27/2021 9:09 AM

DOT Code/Fire Haz. Class	Common Name	Unit	Quantities			Annual Waste Amount	Federal Hazard Categories	Hazardous Components (For mixture only)		
			Max. Daily	Largest Cont.	Avg. Daily			Component Name	% Wt	EHS
DOT: 2.1 - Flammable Gases Flammable Gas	Hydrogen Gas <u>CAS No</u> 1333-74-0	Cu. Feet <u>State</u> Gas <u>Type</u> Pure	10020 <u>Storage Container</u> Cylinder Days on Site: 365	2004	10020	<u>Pressue</u> > Ambient <u>Waste Code</u> <u>Temperature</u> Ambient	- Physical Flammable - Physical Gas Under Pressure			

Digital Realty

1201 Comstock Street

Not CalARP Regulated

Approximately 0.25 mile from site

2/25/21 Haz Mat Inventory

Hazardous Materials And Wastes Inventory Matrix Report

CERS Business/Org. Digital Realty Trust, LP Facility Name 1201 Comstock Partners, LLC 1201 Comstock St, Santa Clara 95054	Chemical Location <div style="border: 1px solid black; width: 80px; height: 20px; margin: 0 auto;"></div>	CERS ID 10088692 Facility ID 43-010-118875 Status Submitted on 2/25/2021 4:33 PM
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DOT Code/Fire Haz. Class	Common Name	Unit	Quantities			Annual Waste Amount	Federal Hazard Categories	Hazardous Components (For mixture only)		
			Max. Daily	Largest Cont.	Avg. Daily			Component Name	% Wt	EHS CAS No.
DOT: 3 - Flammable and Combustible Liquids Combustible Liquid, Class II	Diesel Fuel	Gallons	12000	4000	12000	0	- Physical	Diesel Fuel	100 %	68334-30-5
	<u>CAS No</u> 68334-30-5	<u>State</u> Liquid	<u>Storage Container</u> Aboveground Tank		<u>Pressue</u> Ambient	<u>Waste Code</u>	- Flammable - Health - Health Acute - Health Skin - Health Specific - Health Target Organ - Health Toxicity - Health Aspiration Hazard	Naphthalene	0 %	91-20-3
DOT: 3 - Flammable and Combustible Liquids Combustible Liquid, Class III-B	Mineral Oil	Gallons	1842	614	1842	0	- Physical			
	<u>CAS No</u> 8012-95-1	<u>State</u> Liquid	<u>Storage Container</u> Other		<u>Pressue</u> Ambient	<u>Waste Code</u>	- Flammable - Health Serious - Health Eye Damage - Health Irritation - Health Aspiration Hazard			

Hazardous Materials And Wastes Inventory Matrix Report

CERS Business/Org. **Digital Realty Trust, LP**
 Facility Name **1201 Comstock Partners, LLC**
 1201 Comstock St, Santa Clara 95054

Chemical Location

CERS ID **10088692**
 Facility ID **43-010-118875**
 Status **Submitted on 2/25/2021 4:33 PM**

DOT Code/Fire Haz. Class	Common Name	Unit	Quantities			Annual Waste Amount	Federal Hazard Categories	Hazardous Components (For mixture only)		
			Max. Daily	Largest Cont.	Avg. Daily			Component Name	% Wt	EHS CAS No.
DOT: 2.2 - Nonflammable Gases	R-22	Cu. Feet	5865	733	5865	0	- Physical Gas			
	<u>CAS No</u> 75-45-6	<u>State</u> Gas	<u>Storage Container</u> Other		<u>Pressue</u> Ambient	<u>Waste Code</u>	Under Pressure			
		<u>Type</u> Pure	Days on Site: 365		<u>Temperature</u> Ambient		Toxicity			
							- Health Skin			
							Corrosion			
							Irritation			
							- Health Serious			
							Eye Damage Eye			
							Irritation			
	R-410A	Cu. Feet	416	82	416	0	- Physical Gas	Difluoromethane	50 %	75-10-5
	<u>CAS No</u>	<u>State</u> Gas	<u>Storage Container</u> Other		<u>Pressue</u> Ambient	<u>Waste Code</u>	Under Pressure	Pentafluoroethane	50 %	354-33-6
		<u>Type</u> Mixture	Days on Site: 365		<u>Temperature</u> Ambient		- Health Acute			
							Toxicity			
							- Health Skin			
							Corrosion			
							Irritation			
							- Health			
							Aspiration Hazard			

Hazardous Materials And Wastes Inventory Matrix Report

CERS Business/Org. Digital Realty Trust, LP Facility Name 1201 Comstock Partners, LLC 1201 Comstock St, Santa Clara 95054	Chemical Location <div style="border: 1px solid black; height: 20px; width: 100%;"></div>	CERS ID 10088692 Facility ID 43-010-118875 Status Submitted on 2/25/2021 4:33 PM
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DOT Code/Fire Haz. Class	Common Name	Unit	Quantities			Annual Waste Amount	Federal Hazard Categories	Hazardous Components (For mixture only)		
			Max. Daily	Largest Cont.	Avg. Daily			Component Name	% Wt	EHS CAS No.
DOT: 8 - Corrosives (Liquids and Solids)	Lead Acid Batteries	Gallons	2375	4.6	2375		- Physical	Sulfuric Acid	40 %	✓ 7664-93-9
Corrosive	<u>CAS No</u>	<u>State</u>	<u>Storage Container</u>		<u>Pressue</u>	<u>Waste Code</u>	Flammable			
		Liquid	Other			792	- Physical			
		<u>Type</u>	Mixture	Days on Site: 365			Explosive			
							- Physical			
							Corrosive To			
							Metal			
							- Health			
							Carcinogenicity			
							- Health Acute			
							Toxicity			
							- Health			
							Reproductive			
							Toxicity			
							- Health Skin			
							Corrosion			
							Irritation			
							- Health Serious			
							Eye Damage Eye			
							Irritation			
							- Health Specific			
							Target Organ			
							Toxicity			
							- Health			
							Aspiration Hazard			

Digital Realty

1525 Comstock Street

Not CalARP Regulated

Approximately 0.14 mile from site

2/25/21 Haz Mat Inventory

Hazardous Materials And Wastes Inventory Matrix Report

CERS Business/Org. Digital Realty Trust, LP Facility Name 1525 Comstock Partners LLC 1525 Comstock St, Santa Clara 95054	Chemical Location <div style="border: 1px solid black; width: 80px; height: 20px; margin: 0 auto;"></div>	CERS ID 10133908 Facility ID 43-010-208482 Status Submitted on 2/25/2021 4:52 PM
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DOT Code/Fire Haz. Class	Common Name	Unit	Quantities			Annual Waste Amount	Federal Hazard Categories	Hazardous Components (For mixture only)		
			Max. Daily	Largest Cont.	Avg. Daily			Component Name	% Wt	EHS CAS No.
DOT: 3 - Flammable and Combustible Liquids	Diesel Fuel	Gallons	24000	4000	24000	0	- Physical	Diesel Fuel	100 %	68334-30-5
Combustible Liquid, Class II	CAS No 68334-30-5	State Liquid	Storage Container Aboveground Tank		Pressue Ambient	Waste Code	- Flammable - Health - Carcinogenicity - Health Acute - Toxicity - Health Skin - Corrosion - Irritation - Health Specific - Target Organ - Toxicity - Health - Aspiration Hazard	Napthalene	0 %	91-20-3
		Type Mixture	Days on Site: 365		Temperature Ambient					
Combustible Liquid, Class III-B	ETHYLENE GLYCOL	Gallons	840	140	840		- Health Acute - Toxicity			
	CAS No 107-21-1	State Liquid	Storage Container Other		Pressue Ambient	Waste Code	- Health Skin - Corrosion - Irritation - Health Serious - Eye Damage Eye - Irritation			
		Type Pure	Days on Site: 365		Temperature Ambient					
DOT: 3 - Flammable and Combustible Liquids	Mineral Oil	Gallons	3792	632	3792	0	- Physical - Flammable			
Combustible Liquid, Class III-B	CAS No 8012-95-1	State Liquid	Storage Container Other		Pressue Ambient	Waste Code	- Health Serious - Eye Damage Eye - Irritation - Health - Aspiration Hazard			
		Type Pure	Days on Site: 365		Temperature Ambient					
DOT: 3 - Flammable and Combustible Liquids	Motor Oil	Gallons	540	90	540		- Physical - Flammable	VARIOUS LUBRICATING BASE OILS	85 %	6474X-XX-X
Combustible Liquid, Class III-B	CAS No	State Liquid	Storage Container Other		Pressue Ambient	Waste Code	- Health Skin - Corrosion - Irritation - Health - Respiratory Skin - Sensitization - Health Serious - Eye Damage Eye - Irritation	ADDITIVE PACKAGE, INCLUDING ZINC ALKYL DITHIOPHOSPHATE	15 % 2 %	MIXTURE 68649-42-3
		Type Mixture	Days on Site: 365		Temperature Ambient	221				

Hazardous Materials And Wastes Inventory Matrix Report

CERS Business/Org. **Digital Realty Trust, LP**
 Facility Name **1525 Comstock Partners LLC**
 1525 Comstock St, Santa Clara 95054

Chemical Location

CERS ID **10133908**
 Facility ID **43-010-208482**
 Status **Submitted on 2/25/2021 4:52 PM**

DOT Code/Fire Haz. Class	Common Name	Unit	Quantities			Annual Waste Amount	Federal Hazard Categories	Hazardous Components (For mixture only)		
			Max. Daily	Largest Cont.	Avg. Daily			Component Name	% Wt	EHS CAS No.
DOT: 2.2 - Nonflammable Gases	Chlorodifluoromethane	Cu. Feet	5865	733	5865		- Physical Gas			
	<u>CAS No</u>	<u>State</u>	<u>Storage Container</u>		<u>Pressue</u>	<u>Waste Code</u>	Under Pressure			
	75-45-6	Gas	Cylinder		> Ambient		- Health Skin			
		<u>Type</u>	Pure	Days on Site: 365		Ambient	Corrosion			
							Irritation			
							- Health Simple			
							Asphyxiant			
	R-407C	Cu. Feet	290	145	290	0	- Physical Gas	R-32 Difluoromethane	23 %	75-10-5
	<u>CAS No</u>	<u>State</u>	<u>Storage Container</u>		<u>Pressue</u>	<u>Waste Code</u>	Under Pressure	R-125 Pentafluoroethane	22 %	354-33-6
		Gas	Other		Ambient		- Health Acute	R-134A 1,1,1,2-Tetrafluoroethane	55 %	811-97-2
		<u>Type</u>	Mixture	Days on Site: 365		Ambient	Toxicity			
							- Health Skin			
							Corrosion			
							Irritation			
							- Health			
							Aspiration Hazard			
	R-410A	Cu. Feet	12727	660	12727	0	- Physical Gas	R-32 Difluoromethane	50 %	75-10-5
	<u>CAS No</u>	<u>State</u>	<u>Storage Container</u>		<u>Pressue</u>	<u>Waste Code</u>	Under Pressure	R-125 Pentafluoroethane	50 %	354-33-6
		Gas	Other		Ambient		- Health Acute			
		<u>Type</u>	Mixture	Days on Site: 365		Ambient	Toxicity			
							- Health Skin			
							Corrosion			
							Irritation			
							- Health			
							Aspiration Hazard			

Hazardous Materials And Wastes Inventory Matrix Report

CERS Business/Org. Digital Realty Trust, LP Facility Name 1525 Comstock Partners LLC 1525 Comstock St, Santa Clara 95054	Chemical Location <div style="border: 1px solid black; height: 20px; width: 100%;"></div>	CERS ID 10133908 Facility ID 43-010-208482 Status Submitted on 2/25/2021 4:52 PM
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DOT Code/Fire Haz. Class	Common Name	Unit	Quantities			Annual Waste Amount	Federal Hazard Categories	Hazardous Components (For mixture only)		
			Max. Daily	Largest Cont.	Avg. Daily			Component Name	% Wt	EHS CAS No.
DOT: 8 - Corrosives (Liquids and Solids)	Lead Acid Batteries	Gallons	3522	4.6	3522		- Physical	Sulfuric Acid	40 %	✓ 7664-93-9
Corrosive	<u>CAS No</u>	<u>State</u>	<u>Storage Container</u>		<u>Pressure</u>		Flammable			
		Liquid	Other		Ambient	<u>Waste Code</u>	- Physical			
		<u>Type</u>			<u>Temperature</u>	792	Explosive			
		Mixture	Days on Site: 365		Ambient		- Physical			
							Corrosive To Metal			
							- Health			
							Carcinogenicity			
							- Health Acute			
							Toxicity			
							- Health			
							Reproductive			
							Toxicity			
							- Health Skin			
							Corrosion			
							Irritation			
							- Health Serious			
							Eye Damage Eye			
							Irritation			
							- Health Specific			
							Target Organ			
							Toxicity			
							- Health			
							Aspiration Hazard			

Digital Realty

1725 Comstock Street

Not CalARP Regulated

Approximately 0.07 mile from site

2/25/21 Haz Mat Inventory

Hazardous Materials And Wastes Inventory Matrix Report

CERS Business/Org. Digital Realty Trust, LP	Chemical Location	CERS ID 10406059
Facility Name Digital 1725 Comstock, LLC		Facility ID 43-010-208479
1725 Comstock St, Santa Clara 95054		Status Submitted on 2/25/2021 5:16 PM

DOT Code/Fire Haz. Class	Common Name	Unit	Quantities			Annual Waste Amount	Federal Hazard Categories	Hazardous Components (For mixture only)		
			Max. Daily	Largest Cont.	Avg. Daily			Component Name	% Wt	EHS CAS No.
DOT: 8 - Corrosives (Liquids and Solids)	Lead Acid Batteries	Gallons	1991	4.6	1991		- Physical	Sulfuric Acid	40 %	✓ 7664-93-9
Corrosive	<u>CAS No</u>	<u>State</u>	<u>Storage Container</u>		<u>Pressue</u>		- Flammable			
		<u>Liquid</u>	<u>Other</u>		<u>Ambient</u>	<u>Waste Code</u>	- Physical			
		<u>Type</u>	<u>Mixture</u>	<u>Days on Site: 365</u>	<u>Temperature</u>	792	Explosive			
					<u>Ambient</u>		- Physical			
							Corrosive To Metal			
							- Health			
							Carcinogenicity			
							- Health Acute			
							Toxicity			
							- Health			
							Reproductive			
							Toxicity			
							- Health Skin			
							Corrosion			
							Irritation			
							- Health Serious			
							Eye Damage Eye			
							Irritation			
							- Health Specific			
							Target Organ			
							Toxicity			
							- Health			
							Aspiration Hazard			

Hazardous Materials And Wastes Inventory Matrix Report

CERS Business/Org. Digital Realty Trust, LP Facility Name Digital 1725 Comstock, LLC 1725 Comstock St, Santa Clara 95054	Chemical Location <div style="border: 1px solid black; height: 20px; width: 150px; margin: 0 auto;"></div>	CERS ID 10406059 Facility ID 43-010-208479 Status Submitted on 2/25/2021 5:16 PM
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DOT Code/Fire Haz. Class	Common Name	Unit	Quantities			Annual Waste Amount	Federal Hazard Categories	Hazardous Components (For mixture only)		
			Max. Daily	Largest Cont.	Avg. Daily			Component Name	% Wt	EHS CAS No.
Combustible Liquid, Class III-B	ETHYLENE GLYCOL	Gallons	570	140	570		- Health Acute			
	<u>CAS No</u>	<u>State</u>	<u>Storage Container</u>		<u>Pressure</u>	<u>Waste Code</u>	Toxicity			
	107-21-1	Liquid	Other		Ambient		- Health Skin			
		<u>Type</u>		Days on Site: 365			Corrosion			
		Pure			Ambient		Irritation			
							- Health Serious			
							Eye Damage Eye			
							Irritation			
DOT: 3 - Flammable and Combustible Liquids	Motor Oil	Gallons	364	90	364		- Physical	VARIOUS LUBRICATING BASE OILS	85 %	6474X-XX-X
Combustible Liquid, Class III-B	<u>CAS No</u>	<u>State</u>	<u>Storage Container</u>		<u>Pressure</u>	<u>Waste Code</u>	Flammable			
		Liquid	Other		Ambient		- Health Skin	ADDITIVE PACKAGE, INCLUDING	15 %	MIXTURE
		<u>Type</u>		Days on Site: 365			Corrosion	ZINC ALKYL DITHIOPHOSPHATE	2 %	68649-42-3
		Mixture					Irritation			
							- Health			
							Respiratory Skin			
							Sensitization			
							- Health Serious			
							Eye Damage Eye			
							Irritation			

Hazardous Materials And Wastes Inventory Matrix Report

CERS Business/Org. Digital Realty Trust, LP	Chemical Location	CERS ID 10406059
Facility Name Digital 1725 Comstock, LLC	[Redacted]	Facility ID 43-010-208479
1725 Comstock St, Santa Clara 95054		Status Submitted on 2/25/2021 5:16 PM

DOT Code/Fire Haz. Class	Common Name	Unit	Quantities			Annual Waste Amount	Federal Hazard Categories	Hazardous Components (For mixture only)		
			Max. Daily	Largest Cont.	Avg. Daily			Component Name	% Wt	EHS CAS No.
DOT: 3 - Flammable and Combustible Liquids	Diesel Fuel No. 2	Gallons	16500	4000	16500	0	- Physical	Diesel Fuel	100 %	68476-34-6
Combustible Liquid, Class II	CAS No 68476-34-6	State Liquid	Storage Container Aboveground Tank		Pressue Ambient	Waste Code	- Flammable - Health	Naphthalene	0 %	91-20-3
		Type Mixture	Days on Site: 365		Temperature Ambient		- Carcinogenicity - Health Acute - Health Skin - Corrosion - Irritation - Health Specific - Target Organ - Toxicity - Health - Aspiration Hazard			
DOT: 3 - Flammable and Combustible Liquids	Mineral Oil	Gallons	2600	614	2600		- Physical			
Combustible Liquid, Class III-B	CAS No 8012-95-1	State Liquid	Storage Container Other		Pressue Ambient	Waste Code	- Flammable - Health Serious - Eye Damage - Eye Irritation - Health - Aspiration Hazard			
		Type Pure	Days on Site: 365		Temperature Ambient					

Hazardous Materials And Wastes Inventory Matrix Report

CERS Business/Org.	Digital Realty Trust, LP	Chemical Location		CERS ID	10406059
Facility Name	Digital 1725 Comstock, LLC			Facility ID	43-010-208479
	1725 Comstock St, Santa Clara 95054			Status	Submitted on 2/25/2021 5:16 PM

DOT Code/Fire Haz. Class	Common Name	Unit	Quantities			Annual Waste Amount	Federal Hazard Categories	Hazardous Components (For mixture only)		
			Max. Daily	Largest Cont.	Avg. Daily			Component Name	% Wt	EHS CAS No.
DOT: 2.2 - Nonflammable Gases	R407C	Cu. Feet	247	124	247		- Physical Gas	Difluoromethane	23 %	200-839-4
	<u>CAS No</u>	<u>State</u>	<u>Storage Container</u>		<u>Pressue</u>	<u>Waste Code</u>	Under Pressure	Pentafluoroethane	25 %	206-557-8
		Gas	Other		Ambient		- Health Acute	1,1,1,2-Tetrafluoroethane	52 %	212-377-0
		<u>Type</u>			<u>Temperature</u>		Toxicity			
		Mixture	Days on Site: 365		Ambient		- Health Skin			
							Corrosion			
							Irritation			
							- Health			
							Aspiration Hazard			

Hazardous Materials And Wastes Inventory Matrix Report

CERS Business/Org. Digital Realty Trust, LP Facility Name Digital 1725 Comstock, LLC 1725 Comstock St, Santa Clara 95054	Chemical Location <div style="border: 1px solid black; width: 150px; height: 20px; margin: 0 auto;"></div>	CERS ID 10406059 Facility ID 43-010-208479 Status Submitted on 2/25/2021 5:16 PM
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DOT Code/Fire Haz. Class	Common Name	Unit	Quantities			Annual Waste Amount	Federal Hazard Categories	Hazardous Components (For mixture only)		
			Max. Daily	Largest Cont.	Avg. Daily			Component Name	% Wt	EHS CAS No.
DOT: 2.2 - Nonflammable Gases	Chlorodifluoromethane	Cu. Feet	5865	733	5865		- Physical Gas			
	<u>CAS No</u> 75-45-6	<u>State</u> Gas	<u>Storage Container</u> Cylinder		<u>Pressue</u> > Ambient	<u>Waste Code</u>	Under Pressure			
		<u>Type</u> Pure	Days on Site: 365		<u>Temperature</u> Ambient		- Health Skin			
							Corrosion			
							Irritation			
							- Health			
							Aspiration Hazard			
	R-410A	Cu. Feet	5538	238	5538	0	- Physical Gas	Difluoromethane	50 %	75-10-5
	<u>CAS No</u>	<u>State</u> Gas	<u>Storage Container</u> Other		<u>Pressue</u> Ambient	<u>Waste Code</u>	Under Pressure	Pentafluoroethane	50 %	354-33-6
		<u>Type</u> Mixture	Days on Site: 365		<u>Temperature</u> Ambient		- Health Acute			
							Toxicity			
							- Health Skin			
							Corrosion			
							Irritation			
							- Health Specific			
							Target Organ			
							Toxicity			

Equinix LLC

1350 Duane Avenue

Not CalARP Regulated

Approximately 0.17 mile from site

7/12/21 Haz Mat Inventory

Hazardous Materials And Wastes Inventory Matrix Report

CERS Business/Org. Equinix LLC	Chemical Location <div style="background-color: #cccccc; width: 100px; height: 20px; margin: 0 auto;"></div>	CERS ID 10087525
Facility Name Equinix LLC 1350 Duane Ave, Santa Clara 95054		Facility ID 43-010-073095
		Status Submitted on 7/12/2021 8:53 AM

DOT Code/Fire Haz. Class	Common Name	Unit	Quantities			Annual Waste Amount	Federal Hazard Categories	Hazardous Components (For mixture only)			
			Max. Daily	Largest Cont.	Avg. Daily			Component Name	% Wt	EHS	CAS No.
DOT: 2.2 - Nonflammable Gases	Genetron (R-22)	Pounds	1275	220	1275		- Physical Gas				
	<u>CAS No</u> 75-45-6	<u>State</u> Gas	<u>Storage Container</u> Cylinder, Other		<u>Pressue</u> Ambient	<u>Waste Code</u>	Under Pressure				
		<u>Type</u> Pure	Days on Site: 365		<u>Temperature</u> Ambient						

Hazardous Materials And Wastes Inventory Matrix Report

CERS Business/Org. **Equinix LLC**
 Facility Name **Equinix LLC**
 1350 Duane Ave, Santa Clara 95054

Chemical Location

CERS ID **10087525**
 Facility ID **43-010-073095**
 Status **Submitted** on 7/12/2021 8:53 AM

DOT Code/Fire Haz. Class	Common Name	Unit	Quantities			Annual Waste Amount	Federal Hazard Categories	Hazardous Components (For mixture only)		
			Max. Daily	Largest Cont.	Avg. Daily			Component Name	% Wt	EHS CAS No.
DOT: 3 - Flammable and Combustible Liquids	Diesel Fuel No. 2	Gallons	66500	50000	53200		- Physical Flammable			
	<u>CAS No</u> 68476-34-6	<u>State</u> Liquid	<u>Storage Container</u> Aboveground Tank, Belowground Tank, Fiber Drum, Other		<u>Pressue</u> Ambient	<u>Waste Code</u>	- Health Carcinogenicity			
		<u>Type</u> Pure	Days on Site: 365		<u>Temperature</u> Ambient		- Health Skin Corrosion Irritation - Health Specific Target Organ Toxicity - Health Aspiration Hazard - Health Germ Cell Mutagenicity			

Hazardous Materials And Wastes Inventory Matrix Report

CERS Business/Org. Equinix LLC	Chemical Location <div style="background-color: #cccccc; width: 100px; height: 20px; margin: 0 auto;"></div>	CERS ID 10087525
Facility Name Equinix LLC 1350 Duane Ave, Santa Clara 95054		Facility ID 43-010-073095
		Status Submitted on 7/12/2021 8:53 AM

DOT Code/Fire Haz. Class	Common Name	Unit	Quantities			Annual Waste Amount	Federal Hazard Categories	Hazardous Components (For mixture only)			
			Max. Daily	Largest Cont.	Avg. Daily			Component Name	% Wt	EHS	CAS No.
	EnviroTemp FR3	Gallons	850	300	850		- Physical Flammable	Vegetable Oil	99 %		
	<u>CAS No</u>	<u>State</u>	<u>Storage Container</u>		<u>Pressue</u>	<u>Waste Code</u>		Antioxidant additive	1 %		
		<u>Liquid</u>	Tank Inside Building		<u>Ambient</u>			Cold Flow additive	1 %		
		<u>Type</u>			<u>Temperature</u>			Colorant	1 %		
		<u>Mixture</u>	Days on Site: 365		<u>Ambient</u>						

Hazardous Materials And Wastes Inventory Matrix Report

CERS Business/Org. Equinix LLC	Chemical Location <div style="border: 1px solid black; width: 100px; height: 20px; margin: 0 auto;"></div>	CERS ID 10087525
Facility Name Equinix LLC 1350 Duane Ave, Santa Clara 95054		Facility ID 43-010-073095 Status Submitted on 7/12/2021 8:53 AM

DOT Code/Fire Haz. Class	Common Name	Unit	Quantities			Annual Waste Amount	Federal Hazard Categories	Hazardous Components (For mixture only)			
			Max. Daily	Largest Cont.	Avg. Daily			Component Name	% Wt	EHS	CAS No.
	Gulf Harmony	Gallons	225	75	225		- Physical	Synthetic Base Oil	97 %		
	<u>CAS No</u>	<u>State</u>	<u>Storage Container</u>		<u>Pressure</u>	<u>Waste Code</u>	Flammable	Proprietary Blend	5 %		
		<u>Liquid</u>	Tank Inside Building		<u>Ambient</u>		- Health				
		<u>Type</u>			<u>Temperature</u>		Respiratory Skin				
		<u>Mixture</u>	Days on Site: 365		<u>Ambient</u>		Sensitization				
							- Health Serious				
							Eye Damage Eye				
							Irritation				

Hazardous Materials And Wastes Inventory Matrix Report

CERS Business/Org. Equinix LLC	Chemical Location	CERS ID 10087525
Facility Name Equinix LLC	[Redacted]	Facility ID 43-010-073095
1350 Duane Ave, Santa Clara 95054		Status Submitted on 7/12/2021 8:53 AM

DOT Code/Fire Haz. Class	Common Name	Unit	Quantities			Annual Waste Amount	Federal Hazard Categories	Hazardous Components (For mixture only)		
			Max. Daily	Largest Cont.	Avg. Daily			Component Name	% Wt	EHS CAS No.
DOT: 3 - Flammable and Combustible Liquids	Transformer Oil	Gallons	2115	423	2115		- Physical	Distillates (petroleum),	73 %	64742-53-6
	<u>CAS No</u>	<u>State</u>	<u>Storage Container</u>	<u>Pressue</u>	<u>Waste Code</u>	- Flammable	Hydrotreated Light Naphthenic			
		Liquid	Tank Inside Building, Other	Ambient		- Health	Distillates (petroleum),	23 %	64742-55-8	
		<u>Type</u>	<u>Days on Site: 365</u>	<u>Temperature</u>		Carcinogenicity	Hydrotreated Light Paraffinic			
	Mixture		Ambient		- Health Skin	Distillates (petroleum),	4 %	64741-97-5		
					Corrosion	Hydrotreated Refined Light Naphthenic				
					Irritation					
					- Health					
					Respiratory Skin					
					Sensitization					
					- Health Simple					
					Asphyxiant					

Hazardous Materials And Wastes Inventory Matrix Report

CERS Business/Org. Equinix LLC	Chemical Location <div style="border: 1px solid black; width: 100px; height: 20px; margin: 0 auto;"></div>	CERS ID 10087525
Facility Name Equinix LLC		Facility ID 43-010-073095
1350 Duane Ave, Santa Clara 95054		Status Submitted on 7/12/2021 8:53 AM

DOT Code/Fire Haz. Class	Common Name	Unit	Quantities			Annual Waste Amount	Federal Hazard Categories	Hazardous Components (For mixture only)		
			Max. Daily	Largest Cont.	Avg. Daily			Component Name	% Wt	EHS CAS No.
	VAVOLINE PREMIUM BLUE® SAE 15W-40 DIESEL ENGINE MOTOR OIL VV70506	Gallons	666	74	666		- Health Acute Toxicity			
	<u>State</u> Liquid	<u>Storage Container</u> Other			<u>Pressure</u> Ambient	221	- Health Reproductive Toxicity			
	<u>CAS No</u> 64742-54-7	<u>Type</u> Pure	Days on Site: 365		<u>Temperature</u> Ambient		- Health Skin Corrosion Irritation			
							- Health Respiratory Skin Sensitization			
							- Health Serious Eye Damage Eye Irritation			
							- Health Specific Target Organ Toxicity			
							- Health Aspiration Hazard			

Hazardous Materials And Wastes Inventory Matrix Report

CERS Business/Org. Equinix LLC	Chemical Location <div style="background-color: #cccccc; width: 100px; height: 20px; margin: 0 auto;"></div>	CERS ID 10087525
Facility Name Equinix LLC 1350 Duane Ave, Santa Clara 95054		Facility ID 43-010-073095
		Status Submitted on 7/12/2021 8:53 AM

DOT Code/Fire Haz. Class	Common Name	Unit	Quantities			Annual Waste Amount	Federal Hazard Categories	Hazardous Components (For mixture only)		
			Max. Daily	Largest Cont.	Avg. Daily			Component Name	% Wt	EHS
	Fleetguard Cummins Antifreeze Coolant Es/Pg 50/50 Pre-Mix Gallon - CC2835	Gallons	1206	134	1206		- Physical Flammable - Health Skin Corrosion Irritation - Health Respiratory Skin Sensitization - Health Serious Eye Damage Eye Irritation - Health Aspiration Hazard			
	<u>CAS No</u> 57-55-6	<u>State</u> Liquid <u>Type</u> Pure	<u>Storage Container</u> Other Days on Site: 365		<u>Pressue</u> Ambient <u>Temperature</u> Ambient	<u>Waste Code</u>				

Hazardous Materials And Wastes Inventory Matrix Report

CERS Business/Org. **Equinix LLC**
 Facility Name **Equinix LLC**
 1350 Duane Ave, Santa Clara 95054

Chemical Location

CERS ID **10087525**
 Facility ID **43-010-073095**
 Status **Submitted on 7/12/2021 8:53 AM**

DOT Code/Fire Haz. Class	Common Name	Unit	Quantities			Annual Waste Amount	Federal Hazard Categories	Hazardous Components (For mixture only)		
			Max. Daily	Largest Cont.	Avg. Daily			Component Name	% Wt	EHS CAS No.
DOT: 8 - Corrosives (Liquids and Solids)	Lead Acid Batteries	Gallons	3989.53	2527.18	3989.53		- Physical	Sulfuric Acid	25 %	✓ 7664-93-9
	<u>CAS No</u>	<u>State</u>	<u>Storage Container</u>		<u>Pressue</u>	<u>Waste Code</u>	- Explosive			
		Liquid	Other		Ambient	792	- Physical			
		<u>Type</u>			<u>Temperature</u>		Corrosive To			
		Mixture	Days on Site: 365		Ambient		Metal			
							- Health			
							Carcinogenicity			
							- Health Acute			
							Toxicity			
							- Health			
							Reproductive			
							Toxicity			
							- Health Skin			
							Corrosion			
							Irritation			
							- Health Serious			
							Eye Damage Eye			
							Irritation			
							- Health Specific			
							Target Organ			
							Toxicity			

Hazardous Materials And Wastes Inventory Matrix Report

CERS Business/Org. Equinix LLC	Chemical Location	CERS ID 10087525
Facility Name Equinix LLC 1350 Duane Ave, Santa Clara 95054		Facility ID 43-010-073095
		Status Submitted on 7/12/2021 8:53 AM

DOT Code/Fire Haz. Class	Common Name	Unit	Quantities			Annual Waste Amount	Federal Hazard Categories	Hazardous Components (For mixture only)		
			Max. Daily	Largest Cont.	Avg. Daily			Component Name	% Wt	EHS CAS No.
DOT: 9 - Misc. Hazardous Materials	Composite Copper Catalyst	Pounds	8640	240			- Health Carcinogenicity	Copper Oxide	30 %	1317-38-0
	<u>CAS No</u>	<u>State</u>	<u>Storage Container</u>		<u>Pressue</u>		- Health Acute	Copper Carbonate	20 %	1184-64-1
		<u>Solid</u>	<u>Other</u>		<u>Ambient</u>	<u>Waste Code</u>	Toxicity	Manganese Dioxide	25 %	1313-13-9
		<u>Type</u>			<u>Temperature</u>		- Health	Aluminum Oxide	16 %	1344-28-1
		<u>Waste</u>	Days on Site: 1		<u>Ambient</u>		Respiratory Skin Sensitization	Activated Carbon	8 %	7440-44-0
							- Health Serious Eye Damage Eye Irritation - Health Specific Target Organ Toxicity			

Hazardous Materials And Wastes Inventory Matrix Report

CERS Business/Org. Equinix LLC	Chemical Location <div style="background-color: #cccccc; width: 100px; height: 20px; margin: 0 auto;"></div>	CERS ID 10087525
Facility Name Equinix LLC		Facility ID 43-010-073095
1350 Duane Ave, Santa Clara 95054		Status Submitted on 7/12/2021 8:53 AM

DOT Code/Fire Haz. Class	Common Name	Unit	Quantities			Annual Waste Amount	Federal Hazard Categories	Hazardous Components (For mixture only)		
			Max. Daily	Largest Cont.	Avg. Daily			Component Name	% Wt	EHS
DOT: 2.2 - Nonflammable Gases	Oxygen <u>CAS No</u> 7782-44-7	Cu. Feet	210	30	210	Waste Code	- Physical Flammable - Physical Gas Under Pressure - Physical Explosive - Physical Oxidizer - Physical Combustible Dust - Health Acute Toxicity - Health Respiratory Skin Sensitization - Health Aspiration Hazard			
		<u>State</u> Gas <u>Type</u> Pure	<u>Storage Container</u> Cylinder Days on Site: 365			<u>Pressue</u> Ambient <u>Temperature</u> Ambient				

Hazardous Materials And Wastes Inventory Matrix Report

CERS Business/Org. **Equinix LLC**
 Facility Name **Equinix LLC**
 1350 Duane Ave, Santa Clara 95054

Chemical Location
[REDACTED]

CERS ID **10087525**
 Facility ID **43-010-073095**
 Status **Submitted on 7/12/2021 8:53 AM**

DOT Code/Fire Haz. Class	Common Name	Unit	Quantities			Annual Waste Amount	Federal Hazard Categories	Hazardous Components (For mixture only)		
			Max. Daily	Largest Cont.	Avg. Daily			Component Name	% Wt	EHS CAS No.
DOT: 2.2 - Nonflammable Gases	R410A (Refrigerant)	Pounds	565.92	450	565.92	- Health Acute	Ethane, 1,1,1,2,2 -Pentafluoro	50 %	354-33-6	
	<u>CAS No</u>	<u>State</u>	<u>Storage Container</u>		<u>Pressue</u>	<u>Waste Code</u>	Toxicity	Methane, difluoro-	50 %	75-10-5
		Liquid	Other		> Ambient		- Health Skin			
		<u>Type</u>			<u>Temperature</u>		Corrosion			
		Mixture	Days on Site: 365		> Ambient		Irritation			
							- Health			
							Respiratory Skin			
							Sensitization			
							- Health Serious			
							Eye Damage Eye			
							Irritation			
							- Health			
							Aspiration Hazard			
							- Health Simple			
							Asphyxiant			

Hazardous Materials And Wastes Inventory Matrix Report

CERS Business/Org. Equinix LLC Facility Name Equinix LLC 1350 Duane Ave, Santa Clara 95054	Chemical Location <div style="border: 1px solid black; height: 20px; width: 100%;"></div>	CERS ID 10087525 Facility ID 43-010-073095 Status Submitted on 7/12/2021 8:53 AM
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DOT Code/Fire Haz. Class	Common Name	Unit	Quantities			Annual Waste Amount	Federal Hazard Categories	Hazardous Components (For mixture only)		
			Max. Daily	Largest Cont.	Avg. Daily			Component Name	% Wt	EHS CAS No.
DOT: 9 - Misc. Hazardous Materials	R-134A (Refrigerant)	Pounds	7810	2000	7810		- Physical Gas Under Pressure			
	<u>CAS No</u> 811-97-2	<u>State</u> Gas	<u>Storage Container</u> Plastic/Non-metalic Drum, Cylinder, Other		<u>Pressue</u> Ambient	<u>Waste Code</u>	- Physical Explosive			
		<u>Type</u> Pure	Days on Site: 365		<u>Temperature</u> Ambient					

Harbor Electronics, Inc.

3021 Kenneth Street

Not CalARP Regulated

Approximately 0.13 mile from site

2/17/21 Haz Mat Inventory

Hazardous Materials And Wastes Inventory Matrix Report

CERS Business/Org. Harbor Electronics, Inc. Facility Name Harbor Electronics, Inc. 3021 Kenneth St, Santa Clara 95054	Chemical Location <div style="border: 1px solid black; width: 100px; height: 20px; margin: 0 auto;"></div>	CERS ID 10088269 Facility ID 43-010-205407 Status Submitted on 2/17/2021 8:29 PM
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DOT Code/Fire Haz. Class	Common Name	Unit	Quantities			Annual Waste Amount	Federal Hazard Categories	Hazardous Components (For mixture only)		
			Max. Daily	Largest Cont.	Avg. Daily			Component Name	% Wt	EHS
DOT: 8 - Corrosives (Liquids and Solids) Corrosive	Circuposit 3350 A-1	Gallons	165	55	110	- Physical	copper chloride	40 %		7447-39-4
	<u>CAS No</u>	<u>State</u>	<u>Storage Container</u>		<u>Pressue</u>	Corrosive To				
		Liquid	Plastic/Non-metalic Drum		Ambient	Metal				
		<u>Type</u>	Mixture	Days on Site: 365	Ambient	- Health Acute Toxicity - Health Skin Corrosion Irritation - Health Serious Eye Damage Eye Irritation - Health Specific Target Organ Toxicity				
DOT: 8 - Corrosives (Liquids and Solids) Corrosive	Circuposit 3350 R-1	Gallons	165	55	110	- Health Serious Eye Damage Eye	tetrasoidum salt of EDTA tetrahydrate	25 %		64-02-8
	<u>CAS No</u>	<u>State</u>	<u>Storage Container</u>		<u>Pressue</u>	Irritation				
		Liquid	Plastic/Non-metalic Drum		Ambient					
		<u>Type</u>	Mixture	Days on Site: 365	Ambient					
DOT: 8 - Corrosives (Liquids and Solids) Corrosive	Circuposit 3350 Y-1	Pounds	1228	614	614	- Health Carcinogenicity	formaldehyde	30 %	✓	50-00-0
	<u>CAS No</u>	<u>State</u>	<u>Storage Container</u>		<u>Pressue</u>	- Health Acute	methanol	2 %		67-56-1
		Liquid	Plastic/Non-metalic Drum		Ambient	Toxicity				
		<u>Type</u>	Mixture	Days on Site: 365	Ambient	- Health Skin Corrosion Irritation - Health Respiratory Skin Sensitization - Health Serious Eye Damage Eye Irritation - Health Specific Target Organ Toxicity				
DOT: 8 - Corrosives (Liquids and Solids) Corrosive	Circuposit 3350 Z-1	Gallons	120	55	120	- Physical Corrosive To	sodium hydroxide	50 %		7732-18-5
	<u>CAS No</u>	<u>State</u>	<u>Storage Container</u>		<u>Pressue</u>	Metal				
		Liquid	Plastic/Non-metalic Drum		Ambient	- Health Skin				
		<u>Type</u>	Mixture	Days on Site: 365	Ambient	Corrosion Irritation - Health Serious Eye Damage Eye Irritation				

Hazardous Materials And Wastes Inventory Matrix Report

CERS Business/Org. Harbor Electronics, Inc. Facility Name Harbor Electronics, Inc. 3021 Kenneth St, Santa Clara 95054	Chemical Location <div style="border: 1px solid black; width: 100px; height: 20px; margin: 0 auto;"></div>	CERS ID 10088269 Facility ID 43-010-205407 Status Submitted on 2/17/2021 8:29 PM
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DOT Code/Fire Haz. Class	Common Name	Unit	Quantities			Annual Waste Amount	Federal Hazard Categories	Hazardous Components (For mixture only)		
			Max. Daily	Largest Cont.	Avg. Daily			Component Name	% Wt	EHS CAS No.
Corrosive	Copper Glean CuPulse Carrier C	Pounds	210	42	126			Sulfuric acid	1 %	✓ 7664-93-9
	<u>CAS No</u>	<u>State</u>	<u>Storage Container</u>	<u>Pressue</u>	<u>Waste Code</u>			Copper Sulfate	1 %	7758-98-7
	✓ EHS	Liquid	Carboy	Ambient						
		<u>Type</u>	<u>Temperature</u>							
	Mixture	Ambient	Days on Site: 365							
DOT: 9 - Misc. Hazardous Materials	Electpure Copper Sulfate Solution	Gallons	165	55	110		- Physical Corrosive To Metal	Copper sulfate	14 %	7758-98-7
	<u>CAS No</u>	<u>State</u>	<u>Storage Container</u>	<u>Pressue</u>	<u>Waste Code</u>		- Health Acute Toxicity			
	7758-98-7	Liquid	Plastic/Non-metalic Drum, Carboy	Ambient			- Health Skin Corrosion Irritation			
		<u>Type</u>	<u>Temperature</u>				- Health Serious Eye Damage Eye Irritation			
	Mixture	Ambient	Days on Site: 365							
DOT: 8 - Corrosives (Liquids and Solids)	Etchbond CZ-2030R	Gallons	55	55	55		- Health Skin Corrosion Irritation	Formic acid	15 %	64-18-6
Corrosive	<u>CAS No</u>	<u>State</u>	<u>Storage Container</u>	<u>Pressue</u>	<u>Waste Code</u>		- Health Serious Eye Damage Eye Irritation			
		Liquid	Plastic/Non-metalic Drum	Ambient						
		<u>Type</u>	<u>Temperature</u>							
	Mixture	Ambient	Days on Site: 365							
DOT: 8 - Corrosives (Liquids and Solids)	High Speed Ac Cu Guard Starter	Gallons	220	55	220		- Health Acute Toxicity	ammonium hydroxide	1 %	1336-21-6
Corrosive	<u>CAS No</u>	<u>State</u>	<u>Storage Container</u>	<u>Pressue</u>	<u>Waste Code</u>		- Health Skin Corrosion Irritation	ammonium chloride	4 %	12125-02-9
		Liquid	Plastic/Non-metalic Drum	Ambient			- Health Serious Eye Damage Eye Irritation	Copper chloride	23 %	7447-39-4
		<u>Type</u>	<u>Temperature</u>							
	Mixture	Ambient	Days on Site: 365							
Corrosive	RESOLVE 211	Gallons	110	55	110		- Health Skin Corrosion Irritation	POTASSIUM CARBONATE	1 %	584-08-7
	<u>CAS No</u>	<u>State</u>	<u>Storage Container</u>	<u>Pressue</u>	<u>Waste Code</u>		- Health Serious Eye Damage Eye Irritation			
		Liquid	Plastic/Non-metalic Drum	Ambient			- Health Specific Target Organ Toxicity			
		<u>Type</u>	<u>Temperature</u>							
	Mixture	Ambient	Days on Site: 365							

Hazardous Materials And Wastes Inventory Matrix Report

CERS Business/Org. Harbor Electronics, Inc. Facility Name Harbor Electronics, Inc. 3021 Kenneth St, Santa Clara 95054	Chemical Location <div style="border: 1px solid black; width: 100px; height: 20px; margin: 0 auto;"></div>	CERS ID 10088269 Facility ID 43-010-205407 Status Submitted on 2/17/2021 8:29 PM
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DOT Code/Fire Haz. Class	Common Name	Unit	Quantities			Annual Waste Amount	Federal Hazard Categories	Hazardous Components (For mixture only)			
			Max. Daily	Largest Cont.	Avg. Daily			Component Name	% Wt	EHS	CAS No.
DOT: 8 - Corrosives (Liquids and Solids) Corrosive	Ronaclean EVP-210S Concentrate	Pounds	1074	537	537		- Physical	Sulfuric acid	20 %	✓	7664-93-9
	<u>CAS No</u> ✓ EHS	<u>State</u>	<u>Storage Container</u>	<u>Pressure</u>	<u>Waste Code</u>		Corrosive To	Formic acid	10 %		64-18-6
		Liquid	Plastic/Non-metalic Drum	Ambient			- Health Skin				
		<u>Type</u> Mixture	Days on Site: 365	Ambient			Corrosion Irritation - Health Serious Eye Damage Eye Irritation				
DOT: 8 - Corrosives (Liquids and Solids) Corrosive	Ronaclean PC-590	Gallons	55	55	55		- Health Skin	Phosphoric acid	25 %		7664-38-2
	<u>CAS No</u>	<u>State</u>	<u>Storage Container</u>	<u>Pressure</u>	<u>Waste Code</u>		Corrosion				
		Liquid	Plastic/Non-metalic Drum	Ambient			Irritation				
		<u>Type</u> Mixture	Days on Site: 365	Ambient			- Health Serious Eye Damage Eye Irritation				
DOT: 8 - Corrosives (Liquids and Solids) Corrosive	SSA Solder Stripper	Pounds	560	560	560		- Physical	fluoboric acid	5 %		16872-11-0
	<u>CAS No</u> ✓ EHS	<u>State</u>	<u>Storage Container</u>	<u>Pressure</u>	<u>Waste Code</u>		Oxidizer	nitric acid	50 %	✓	7697-37-2
		Liquid	Plastic/Non-metalic Drum	Ambient			Corrosive To				
		<u>Type</u> Mixture	Days on Site: 365	Ambient			Metal - Health Skin Corrosion Irritation - Health Serious Eye Damage Eye Irritation				
DOT: 8 - Corrosives (Liquids and Solids) Corrosive	Sulfuric acid (50%)	Pounds	3255	651	1302		- Health	Sulfuric Acid	50 %	✓	7644-93-9
	<u>CAS No</u> ✓ EHS	<u>State</u>	<u>Storage Container</u>	<u>Pressure</u>	<u>Waste Code</u>		Carcinogenicity				
	7644-93-9	Liquid	Plastic/Non-metalic Drum	Ambient			- Health Skin				
		<u>Type</u> Mixture	Days on Site: 365	Ambient			Corrosion Irritation - Health Serious Eye Damage Eye Irritation				
DOT: 8 - Corrosives (Liquids and Solids) Corrosive	Sulfuric acid (96%)	Pounds	2484	828	2484		- Physical	Sulfuric Acid	96 %	✓	7644-93-9
	<u>CAS No</u> ✓ EHS	<u>State</u>	<u>Storage Container</u>	<u>Pressure</u>	<u>Waste Code</u>		Corrosive To				
	7644-93-9	Liquid	Plastic/Non-metalic Drum	Ambient			Metal				
		<u>Type</u> Mixture	Days on Site: 365	Ambient			- Health Skin Corrosion Irritation - Health Serious Eye Damage Eye Irritation				

Hazardous Materials And Wastes Inventory Matrix Report

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DOT Code/Fire Haz. Class	Common Name	Unit	Quantities			Annual Waste Amount	Federal Hazard Categories	Hazardous Components (For mixture only)		
			Max. Daily	Largest Cont.	Avg. Daily			Component Name	% Wt	EHS CAS No.
Combustible Liquid, Class II	SURFACEclean 295	Gallons	110	55	110		- Health Skin	Glycol	30 %	
	<u>CAS No</u>	<u>State</u>	<u>Storage Container</u>		<u>Pressue</u>	<u>Waste Code</u>	Corrosion	Ethylene glycol n butyl ether	30 %	111-76-2
		Liquid	Plastic/Non-metalic Drum		Ambient		Irritation	Detergent	30 %	
		<u>Type</u>	Mixture	Days on Site: 365		<u>Temperature</u>		- Health Serious		
DOT: 8 - Corrosives (Liquids and Solids) Corrosive	TAS #1	Pounds	500	50	500		- Health Acute	Sulfamic Acid	4 %	5329-14-6
	<u>CAS No</u>	<u>State</u>	<u>Storage Container</u>		<u>Pressue</u>	<u>Waste Code</u>	Toxicity			
		Solid	Fiber Drum		Ambient		- Health Skin	Ammonium Bifluoride	3 %	1341-49-7
		<u>Type</u>	Mixture	Days on Site: 365		<u>Temperature</u>		Corrosion		
DOT: 8 - Corrosives (Liquids and Solids) Corrosive	Waste Acid Copper Electroplating Solution	Pounds	4032	504	2016	17441		copper sulfate	15 %	7758-98-7
	<u>CAS No</u>	<u>State</u>	<u>Storage Container</u>		<u>Pressue</u>	<u>Waste Code</u>		sulfuric acid	11 %	✓ 7664-93-9
		Liquid	Plastic/Non-metalic Drum		Ambient					
		<u>Type</u>	Waste	Days on Site: 365		<u>Temperature</u>				
DOT: 8 - Corrosives (Liquids and Solids) Corrosive	Waste Ammoniacal Etchant	Gallons	330	55	110	2035		ammonium chloride	17 %	12125-02-9
	<u>CAS No</u>	<u>State</u>	<u>Storage Container</u>		<u>Pressue</u>	<u>Waste Code</u>		ammonium hydroxide	15 %	1336-21-6
		Liquid	Plastic/Non-metalic Drum		Ambient			Copper tetraamine dichloride	43 %	10534-87-9
		<u>Type</u>	Waste	Days on Site: 365		<u>Temperature</u>		Copper	10 %	7440-50-8
DOT: 8 - Corrosives (Liquids and Solids) Corrosive	Waste Catalyst	Gallons	110	55	110	110		sodium bisulfate	5 %	7681-38-1
	<u>CAS No</u>	<u>State</u>	<u>Storage Container</u>		<u>Pressue</u>	<u>Waste Code</u>		carbamic acid	1 %	57-13-6
		Liquid	Plastic/Non-metalic Drum		Ambient			palladium chloride	1 %	2099324
		<u>Type</u>	Waste	Days on Site: 365		<u>Temperature</u>		Hydrochloric acid	2 %	7647-01-0
DOT: 9 - Misc. Hazardous Materials	Waste Copper Filters	Pounds	800	100	300	6513		Copper Sulfate	1 %	7758-99-8
	<u>CAS No</u>	<u>State</u>	<u>Storage Container</u>		<u>Pressue</u>	<u>Waste Code</u>		Sulfuric acid	1 %	✓ 7664-93-9
		Solid	Steel Drum		Ambient					
		<u>Type</u>	Waste	Days on Site: 365		<u>Temperature</u>				
DOT: 8 - Corrosives (Liquids and Solids) Corrosive	Waste Cupric chloride etchant	Gallons	1155	55	605	12760		cupric chloride	25 %	7447-39-4
	<u>CAS No</u>	<u>State</u>	<u>Storage Container</u>		<u>Pressue</u>	<u>Waste Code</u>		Hydrochloric acid	2 %	7647-01-0
		Liquid	Plastic/Non-metalic Drum		Ambient					
		<u>Type</u>	Waste	Days on Site: 365		<u>Temperature</u>				

Hazardous Materials And Wastes Inventory Matrix Report

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DOT Code/Fire Haz. Class	Common Name	Unit	Quantities			Annual Waste Amount	Federal Hazard Categories	Hazardous Components (For mixture only)		
			Max. Daily	Largest Cont.	Avg. Daily			Component Name	% Wt	EHS CAS No.
DOT: 8 - Corrosives (Liquids and Solids) Corrosive	Waste EZ6001 Solder Stripper	Pounds	459	459	459	918		Ferric nitrate	8 %	✓ 10421-48-4
	<u>CAS No</u>	<u>State</u>	<u>Storage Container</u>	<u>Pressue</u>	<u>Waste Code</u>			nitric acid	25 %	✓ 7697-37-2
	✓ EHS	Liquid	Plastic/Non-metalic Drum	Ambient		791		Ethylene diamine	2 %	107-15-3
		<u>Type</u>	Waste	Days on Site: 365	Ambient			Tin	3 %	7440-31-5
Toxic	Waste Gold Cyanide Filters	Pounds	100	100	100	265				
	<u>CAS No</u>	<u>State</u>	<u>Storage Container</u>	<u>Pressue</u>	<u>Waste Code</u>					
		Solid	Plastic/Non-metalic Drum	Ambient		181				
		<u>Type</u>	Waste	Days on Site: 365	Ambient					
DOT: 6.1 - Toxic Substances Toxic, Corrosive	Waste Gold Dragout	Gallons	220	55	110	965		Cyanide	1 %	74-90-8
	<u>CAS No</u>	<u>State</u>	<u>Storage Container</u>	<u>Pressue</u>	<u>Waste Code</u>			Gold	1 %	7440-57-5
		Liquid	Plastic/Non-metalic Drum	Ambient		131				
		<u>Type</u>	Waste	Days on Site: 365	Ambient					
	Waste Hydraulic Oil	Gallons	55	55	55	440				
	<u>CAS No</u>	<u>State</u>	<u>Storage Container</u>	<u>Pressue</u>	<u>Waste Code</u>					
	68855-24-3	Liquid	Steel Drum	Ambient		181				
		<u>Type</u>	Waste	Days on Site: 365	Ambient					
	Waste Metal Coolant	Gallons	250	55	165	775		Triethanolamine	22 %	102-71-6
	<u>CAS No</u>	<u>State</u>	<u>Storage Container</u>	<u>Pressue</u>	<u>Waste Code</u>					
		Liquid	Steel Drum	Ambient		331				
		<u>Type</u>	Waste	Days on Site: 365	Ambient					
DOT: 8 - Corrosives (Liquids and Solids) Corrosive	Waste OS-953 Solder Mask Remover	Gallons	110	55	55	110		Sodium Hydroxide	15 %	1310-73-2
	<u>CAS No</u>	<u>State</u>	<u>Storage Container</u>	<u>Pressue</u>	<u>Waste Code</u>			N-Methyl-2-pyrrolidone	10 %	872-50-4
		Liquid	Plastic/Non-metalic Drum	Ambient		122				
		<u>Type</u>	Waste	Days on Site: 365	Ambient					
DOT: 5.1 - Oxidizing Substances Oxidizing, Class 2	Waste Sodium Permanganate Solution	Gallons	55	55	55	110	- Physical Oxidizer	Sodium Permanganate	40 %	10101-50-5
	<u>CAS No</u>	<u>State</u>	<u>Storage Container</u>	<u>Pressue</u>	<u>Waste Code</u>					
		Liquid	Plastic/Non-metalic Drum	Ambient		141				
		<u>Type</u>	Waste	Days on Site: 365	Ambient					

Hazardous Materials And Wastes Inventory Matrix Report

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DOT Code/Fire Haz. Class	Common Name	Unit	Quantities			Annual Waste Amount	Federal Hazard Categories	Hazardous Components (For mixture only)			
			Max. Daily	Largest Cont.	Avg. Daily			Component Name	% Wt	EHS	CAS No.
DOT: 8 - Corrosives (Liquids and Solids) Corrosive	Waste SS2 Tin Strip	Gallons	55	55	55	55		Ferric chloride	35 %		7705-08-0
	<u>CAS No</u>	<u>State</u>	<u>Storage Container</u>		<u>Pressure</u>	<u>Waste Code</u>					
		Liquid	Plastic/Non-metalic Drum		Ambient	792					
		<u>Type</u>	Waste		Days on Site: 365	Ambient					
DOT: 8 - Corrosives (Liquids and Solids) Corrosive	Waste SSA/SSB Tin Strip	Pounds	1094	547	547	1711		Fluoboric acid	5 %		16872-11-0
	<u>CAS No</u>	<u>State</u>	<u>Storage Container</u>		<u>Pressure</u>	<u>Waste Code</u>		nitric acid	60 %	✓	7697-37-2
		Liquid	Plastic/Non-metalic Drum		Ambient	792		sulfamic acid	50 %		5329-14-6
		<u>Type</u>	Waste		Days on Site: 365	Ambient					
DOT: 8 - Corrosives (Liquids and Solids) Corrosive	Waste Sulfuric Acid (with Not More than 51% Acid)	Pounds	5508	459	3213	48108		Sulfuric acid	15 %	✓	7664-93-9
	<u>CAS No</u>	<u>State</u>	<u>Storage Container</u>		<u>Pressure</u>	<u>Waste Code</u>		Copper	7 %		7440-50-8
		Liquid	Plastic/Non-metalic Drum		Ambient	792					
		<u>Type</u>	Waste		Days on Site: 365	Ambient					

Hazardous Materials And Wastes Inventory Matrix Report

CERS Business/Org.	Harbor Electronics, Inc.	Chemical Location	CERS ID 10088269
Facility Name	Harbor Electronics, Inc.		Facility ID 43-010-205407
	3021 Kenneth St, Santa Clara 95054		Status Submitted on 2/17/2021 8:29 PM

DOT Code/Fire Haz. Class	Common Name	Unit	Quantities			Annual Waste Amount	Federal Hazard Categories	Hazardous Components (For mixture only)		
			Max. Daily	Largest Cont.	Avg. Daily			Component Name	% Wt	EHS CAS No.
DOT: 8 - Corrosives (Liquids and Solids)	Hydrochloric acid	Gallons	355	355	355		- Health Skin Corrosion	Hydrochloric acid	37 %	7647-01-0
Corrosive	CAS No 7647-01-0	State Liquid	Storage Container Aboveground Tank		Pressure Ambient	Waste Code	Irritation - Health Serious Eye Damage Eye Irritation - Health Specific Target Organ Toxicity			
		Type Mixture	Days on Site: 365		Temperature Ambient					

Hazardous Materials And Wastes Inventory Matrix Report

CERS Business/Org.	Harbor Electronics, Inc.	Chemical Location	CERS ID 10088269
Facility Name	Harbor Electronics, Inc.		Facility ID 43-010-205407
	3021 Kenneth St, Santa Clara 95054		Status Submitted on 2/17/2021 8:29 PM

DOT Code/Fire Haz. Class	Common Name	Unit	Quantities			Annual Waste Amount	Federal Hazard Categories	Hazardous Components (For mixture only)		
			Max. Daily	Largest Cont.	Avg. Daily			Component Name	% Wt	EHS CAS No.
DOT: 8 - Corrosives (Liquids and Solids)	HCl-20BE	Gallons	110	55	110		- Health Acute	Hydrochloric acid	31 %	7647-01-0
Corrosive	CAS No 7647-01-0	State Liquid	Storage Container Plastic/Non-metalic Drum		Pressue Ambient	Waste Code	Toxicity - Health Skin			
		Type Mixture	Days on Site: 365		Temperature Ambient		Corrosion Irritation - Health Serious Eye Damage Eye Irritation			

Hazardous Materials And Wastes Inventory Matrix Report

CERS Business/Org.	Harbor Electronics, Inc.	Chemical Location	CERS ID 10088269
Facility Name	Harbor Electronics, Inc.	<div style="background-color: #cccccc; width: 100%; height: 15px;"></div>	Facility ID 43-010-205407
	3021 Kenneth St, Santa Clara 95054		Status Submitted on 2/17/2021 8:29 PM

DOT Code/Fire Haz. Class	Common Name	Unit	Quantities			Annual Waste Amount	Federal Hazard Categories	Hazardous Components (For mixture only)		
			Max. Daily	Largest Cont.	Avg. Daily			Component Name	% Wt	EHS CAS No.
DOT: 8 - Corrosives (Liquids and Solids)	Ultra Strip 6600	Gallons	588	203	478		- Health Acute	Ethanolamine	45 %	141-43-5
Corrosive	<u>CAS No</u>	<u>State</u>	<u>Storage Container</u>		<u>Pressue</u>		Toxicity			
		<u>Liquid</u>	Tank Inside Building, Plastic/Non-		<u>Ambient</u>	<u>Waste Code</u>	- Health Skin			
		<u>Type</u>	metallic Drum		<u>Temperature</u>		Corrosion			
		<u>Mixture</u>	Days on Site: 365		<u>Ambient</u>		Irritation			
							- Health			
							Respiratory Skin			
							Sensitization			
							- Health Serious			
							Eye Damage Eye			
							Irritation			

Hazardous Materials And Wastes Inventory Matrix Report

CERS Business/Org.	Harbor Electronics, Inc.	Chemical Location		CERS ID	10088269
Facility Name	Harbor Electronics, Inc.			Facility ID	43-010-205407
	3021 Kenneth St, Santa Clara 95054			Status	Submitted on 2/17/2021 8:29 PM

DOT Code/Fire Haz. Class	Common Name	Unit	Quantities			Annual Waste Amount	Federal Hazard Categories	Hazardous Components (For mixture only)		
			Max. Daily	Largest Cont.	Avg. Daily			Component Name	% Wt	EHS CAS No.
DOT: 5.1 - Oxidizing Substances	1645 CuOX	Gallons	380	215	380		- Physical Oxidizer	Sodium Chlorate	35 %	7775-09-9
Oxidizing, Class 3	<u>CAS No</u>	<u>State</u>	<u>Storage Container</u>		<u>Pressue</u>	<u>Waste Code</u>	- Health Acute Toxicity - Health Skin Corrosion Irritation - Health Serious Eye Damage Eye Irritation			
		<u>Liquid</u>	Tank Inside Building, Plastic/Non-		<u>Temperature</u>					
		<u>Type</u>	metallic Drum		<u>Ambient</u>					
		<u>Mixture</u>	Days on Site: 365		<u>Ambient</u>					

Hazardous Materials And Wastes Inventory Matrix Report

CERS Business/Org.	Harbor Electronics, Inc.	Chemical Location	CERS ID 10088269
Facility Name	Harbor Electronics, Inc.	<div style="border: 1px solid black; width: 80px; height: 20px; margin: 0 auto;"></div>	Facility ID 43-010-205407
	3021 Kenneth St, Santa Clara 95054		Status Submitted on 2/17/2021 8:29 PM

DOT Code/Fire Haz. Class	Common Name	Unit	Quantities			Annual Waste Amount	Federal Hazard Categories	Hazardous Components (For mixture only)		
			Max. Daily	Largest Cont.	Avg. Daily			Component Name	% Wt	EHS CAS No.
DOT: 8 - Corrosives (Liquids and Solids)	Focus Tech DV 645	Gallons	165	55	165		- Physical	Potassium carbonate	45 %	584-08-7
Corrosive	<u>CAS No</u>	<u>State</u>	<u>Storage Container</u>		<u>Pressue</u>		Corrosive To			
		<u>Liquid</u>	Plastic/Non-metalic Drum		<u>Ambient</u>	<u>Waste Code</u>	Metal			
		<u>Type</u>			<u>Temperature</u>		- Health Skin			
		<u>Mixture</u>	Days on Site: 365		<u>Ambient</u>		Corrosion			
							Irritation			

Hazardous Materials And Wastes Inventory Matrix Report

CERS Business/Org.	Harbor Electronics, Inc.	Chemical Location	CERS ID 10088269
Facility Name	Harbor Electronics, Inc.	<div style="background-color: #cccccc; width: 100%; height: 15px;"></div>	Facility ID 43-010-205407
	3021 Kenneth St, Santa Clara 95054		Status Submitted on 2/17/2021 8:29 PM

DOT Code/Fire Haz. Class	Common Name	Unit	Quantities			Annual Waste Amount	Federal Hazard Categories	Hazardous Components (For mixture only)			
			Max. Daily	Largest Cont.	Avg. Daily			Component Name	% Wt	EHS	CAS No.
	DV-6450	Gallons	511	196	511		- Health Serious	Potassium Carbonate	20 %		584-08-7
	<u>CAS No</u>	<u>State</u>	<u>Storage Container</u>		<u>Pressue</u>	<u>Waste Code</u>	Eye Damage Eye Irritation	Sodium Carbonate	20 %		497-19-8
		<u>Liquid</u>	Tank Inside Building, Plastic/Non-		Ambient						
		<u>Type</u>	metallic Drum		<u>Temperature</u>						
		<u>Mixture</u>	Days on Site: 365		> Ambient						

Hazardous Materials And Wastes Inventory Matrix Report

CERS Business/Org. Harbor Electronics, Inc. Facility Name Harbor Electronics, Inc. 3021 Kenneth St, Santa Clara 95054	Chemical Location <div style="border: 1px solid black; width: 100px; height: 20px; margin: 0 auto;"></div>	CERS ID 10088269 Facility ID 43-010-205407 Status Submitted on 2/17/2021 8:29 PM
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DOT Code/Fire Haz. Class	Common Name	Unit	Quantities			Annual Waste Amount	Federal Hazard Categories	Hazardous Components (For mixture only)		
			Max. Daily	Largest Cont.	Avg. Daily			Component Name	% Wt	EHS
	Aqua Syn 55	Gallons	285	120	230		- Health Skin	Triethanolamine	10 %	102-71-6
	<u>CAS No</u>	<u>State</u>	<u>Storage Container</u>		<u>Pressue</u>	<u>Waste Code</u>	Corrosion			
		<u>Liquid</u>	Tank Inside Building, Plastic/Non-metallic Drum		<u>Ambient</u>		Irritation			
		<u>Type</u>			<u>Temperature</u>		- Health Serious			
		<u>Mixture</u>	Days on Site: 365		<u>Ambient</u>		Eye Damage Eye Irritation			
Corrosive	Copper Gleam CuPulse Carrier C	Pounds	252	42	210			Sulfuric acid	1 %	✓ 7664-93-9
	<u>CAS No</u>	<u>State</u>	<u>Storage Container</u>		<u>Pressue</u>	<u>Waste Code</u>		Copper Sulfate	1 %	7758-98-7
		<u>Liquid</u>	Carboy		<u>Ambient</u>					
		<u>Type</u>			<u>Temperature</u>					
		<u>Mixture</u>	Days on Site: 365		<u>Ambient</u>					
DOT: 8 - Corrosives (Liquids and Solids)	CuPulseElectrode Filming Solution	Pounds	225	45	225		- Physical Corrosive To Metal	Sulfuric acid	10 %	✓ 7664-93-9
Corrosive	<u>CAS No</u>	<u>State</u>	<u>Storage Container</u>		<u>Pressue</u>	<u>Waste Code</u>		Copper Sulfate	5 %	7758-98-7
		<u>Liquid</u>	Carboy		<u>Ambient</u>		- Health Skin			
		<u>Type</u>			<u>Temperature</u>		Corrosion			
		<u>Mixture</u>	Days on Site: 365		<u>Ambient</u>		Irritation			
							- Health Serious			
							Eye Damage Eye Irritation			
DOT: 9 - Misc. Hazardous Materials	Wastewater Treatment Sludge	Tons	8	1	4	80		Copper Hydroxide	15 %	20427-59-2
	<u>CAS No</u>	<u>State</u>	<u>Storage Container</u>		<u>Pressue</u>	<u>Waste Code</u>		Nickel Hydroxide	8 %	12054-48-7
		<u>Solid</u>	Tote Bin		<u>Ambient</u>			Calcium Hydroxide	8 %	1305-62-0
		<u>Type</u>			<u>Temperature</u>	171		Diatomite	5 %	61790-53-2
		<u>Waste</u>	Days on Site: 365		<u>Ambient</u>					

Hazardous Materials And Wastes Inventory Matrix Report

CERS Business/Org. Harbor Electronics, Inc.	Chemical Location	CERS ID	10088269
Facility Name Harbor Electronics, Inc.	<div style="background-color: black; width: 20px; height: 20px; display: inline-block;"></div>	Facility ID	43-010-205407
3021 Kenneth St, Santa Clara 95054		Status	Submitted on 2/17/2021 8:29 PM

DOT Code/Fire Haz. Class	Common Name	Unit	Quantities			Annual Waste Amount	Federal Hazard Categories	Hazardous Components (For mixture only)		
			Max. Daily	Largest Cont.	Avg. Daily			Component Name	% Wt	EHS
DOT: 2.1 - Flammable Gases	Acetylene, compressed	Cu. Feet	686	343	686		- Physical			
Flammable Gas	<u>CAS No</u> 74-86-2	<u>State</u> Gas	<u>Storage Container</u> Cylinder		<u>Pressue</u> > Ambient	<u>Waste Code</u>	Flammable			
		<u>Type</u> Pure	Days on Site: 365		<u>Temperature</u> Ambient		- Physical Gas			
							Under Pressure			

Hazardous Materials And Wastes Inventory Matrix Report

CERS Business/Org.	Harbor Electronics, Inc.	Chemical Location		CERS ID	10088269
Facility Name	Harbor Electronics, Inc.			Facility ID	43-010-205407
	3021 Kenneth St, Santa Clara 95054			Status	Submitted on 2/17/2021 8:29 PM

DOT Code/Fire Haz. Class	Common Name	Unit	Quantities			Annual Waste Amount	Federal Hazard Categories	Hazardous Components (For mixture only)		
			Max. Daily	Largest Cont.	Avg. Daily			Component Name	% Wt	EHS
	Therminol 55	Gallons	240	240	240		- Health			
	<u>CAS No</u> 68855-24-3	<u>State</u> Liquid	<u>Storage Container</u> Tank Inside Building		<u>Pressue</u> Ambient	<u>Waste Code</u>	Aspiration Hazard			
		<u>Type</u> Pure	Days on Site: 365		<u>Temperature</u> > Ambient					

Hazardous Materials And Wastes Inventory Matrix Report

CERS Business/Org.	Harbor Electronics, Inc.	Chemical Location	CERS ID 10088269
Facility Name	Harbor Electronics, Inc.	<div style="background-color: #cccccc; width: 150px; height: 20px;"></div>	Facility ID 43-010-205407
	3021 Kenneth St, Santa Clara 95054		Status Submitted on 2/17/2021 8:29 PM

DOT Code/Fire Haz. Class	Common Name	Unit	Quantities			Annual Waste Amount	Federal Hazard Categories	Hazardous Components (For mixture only)		
			Max. Daily	Largest Cont.	Avg. Daily			Component Name	% Wt	EHS
	Therminol 55	Gallons	455	160	455		- Health Skin			
	<u>CAS No</u> 68855-24-3	<u>State</u>	<u>Storage Container</u>		<u>Pressue</u>	<u>Waste Code</u>	Corrosion			
		<u>Liquid</u>	Aboveground Tank, Steel Drum		<u>Ambient</u>		Irritation			
		<u>Type</u>			<u>Temperature</u>		- Health Serious			
		Pure	Days on Site: 365		<u>Ambient</u>		Eye Damage Eye			
							Irritation			
							- Health			
							Aspiration Hazard			

Hazardous Materials And Wastes Inventory Matrix Report

CERS Business/Org. Harbor Electronics, Inc. Facility Name Harbor Electronics, Inc. 3021 Kenneth St, Santa Clara 95054	Chemical Location <div style="border: 1px solid black; width: 80px; height: 20px; margin: 0 auto;"></div>	CERS ID 10088269 Facility ID 43-010-205407 Status Submitted on 2/17/2021 8:29 PM
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DOT Code/Fire Haz. Class	Common Name	Unit	Quantities			Annual Waste Amount	Federal Hazard Categories	Hazardous Components (For mixture only)		
			Max. Daily	Largest Cont.	Avg. Daily			Component Name	% Wt	EHS CAS No.
	Sunfort Dry Film Photoresist	Pounds	1160	46	198		- Health Skin			
	<u>CAS No</u>	<u>State</u>	<u>Storage Container</u>		<u>Pressure</u>	<u>Waste Code</u>	Corrosion			
		Solid	Box		Ambient		Irritation			
		<u>Type</u>			<u>Temperature</u>					
		Mixture	Days on Site: 365		Ambient					

Hazardous Materials And Wastes Inventory Matrix Report

CERS Business/Org. Harbor Electronics, Inc. Facility Name Harbor Electronics, Inc. 3021 Kenneth St, Santa Clara 95054	Chemical Location <div style="border: 1px solid black; width: 50px; height: 20px; margin: 0 auto;"></div>	CERS ID 10088269 Facility ID 43-010-205407 Status Submitted on 2/17/2021 8:29 PM
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DOT Code/Fire Haz. Class	Common Name	Unit	Quantities			Annual Waste Amount	Federal Hazard Categories	Hazardous Components (For mixture only)		
			Max. Daily	Largest Cont.	Avg. Daily			Component Name	% Wt	EHS CAS No.
DOT: 3 - Flammable and Combustible Liquids Combustible Liquid, Class III-B	Mixed Waste Oil <u>CAS No</u>	Gallons	55	55	55	110		Petroleum oil mixture	85 %	MIXTURE
		<u>State</u> Liquid	<u>Storage Container</u> Steel Drum		<u>Pressue</u> Ambient	<u>Waste Code</u> 221				
		<u>Type</u> Waste	Days on Site: 365		<u>Temperature</u> Ambient					
DOT: 6.1 - Toxic Substances	Waste Oil filters and rags <u>CAS No</u>	Pounds	200	150	200	200				
		<u>State</u> Solid	<u>Storage Container</u> Steel Drum		<u>Pressue</u> Ambient	<u>Waste Code</u> 352				
		<u>Type</u> Waste	Days on Site: 365		<u>Temperature</u> Ambient					

Hazardous Materials And Wastes Inventory Matrix Report

CERS Business/Org.	Harbor Electronics, Inc.	Chemical Location	CERS ID 10088269
Facility Name	Harbor Electronics, Inc.	<div style="background-color: #cccccc; width: 100px; height: 15px;"></div>	Facility ID 43-010-205407
	3021 Kenneth St, Santa Clara 95054		Status Submitted on 2/17/2021 8:29 PM

DOT Code/Fire Haz. Class	Common Name	Unit	Quantities			Annual Waste Amount	Federal Hazard Categories	Hazardous Components (For mixture only)		
			Max. Daily	Largest Cont.	Avg. Daily			Component Name	% Wt	EHS
DOT: 8 - Corrosives (Liquids and Solids) Corrosive	Bleach <u>CAS No</u>	Gallons	200	5	150	- Physical Corrosive To Metal - Health Skin Corrosion Irritation	Sodium hypochlorite	5 %	7681-52-9	
		<u>State</u> Liquid	<u>Storage Container</u> Plastic Bottle or Jug		<u>Pressue</u> Ambient	<u>Waste Code</u>				
		<u>Type</u> Mixture	Days on Site: 365		<u>Temperature</u> Ambient					

Hazardous Materials And Wastes Inventory Matrix Report

CERS Business/Org.	Harbor Electronics, Inc.	Chemical Location	CERS ID 10088269
Facility Name	Harbor Electronics, Inc.	<div style="background-color: #cccccc; width: 100px; height: 20px; margin: 0 auto;"></div>	Facility ID 43-010-205407
	3021 Kenneth St, Santa Clara 95054		Status Submitted on 2/17/2021 8:29 PM

DOT Code/Fire Haz. Class	Common Name	Unit	Quantities			Annual Waste Amount	Federal Hazard Categories	Hazardous Components (For mixture only)			
			Max. Daily	Largest Cont.	Avg. Daily			Component Name	% Wt	EHS	CAS No.
DOT: 8 - Corrosives (Liquids and Solids) Corrosive	MecEtchBrite CA-5342	Pounds	562	289	562	- Health Skin Corrosion Irritation - Health Serious Eye Damage Eye Irritation	Sulfuric acid	10 %	<input checked="" type="checkbox"/>	7644-93-9	
	<u>CAS No</u>	<input checked="" type="checkbox"/> EHS	<u>State</u>	<u>Storage Container</u>	<u>Pressure</u>		<u>Waste Code</u>	Hydrogen peroxide	6 %		7722-84-1
			Liquid	Tank Inside Building, Plastic/Non-metallic Drum	Ambient			Amine compound	5 %		
			<u>Type</u> Mixture	Days on Site: 365	<u>Temperature</u> Ambient						
DOT: 8 - Corrosives (Liquids and Solids) Corrosive	Waste Etchbond CZ-2030M	Gallons	55	55	55	- Health Skin Corrosion Irritation - Health Serious Eye Damage Eye Irritation	Formic acid	10 %		64-18-6	
	<u>CAS No</u>		<u>State</u>	<u>Storage Container</u>	<u>Pressure</u>		<u>Waste Code</u>	Cupric chloride	10 %		7447-39-4
			Liquid	Plastic/Non-metallic Drum	Ambient		792				
			<u>Type</u> Waste	Days on Site: 365	<u>Temperature</u> Ambient						
DOT: 8 - Corrosives (Liquids and Solids) Corrosive	Waste MecBrite CA-5342	Pounds	459	250	250	- Health Skin Corrosion Irritation - Health Serious Eye Damage Eye Irritation	Sulfuric acid	10 %	<input checked="" type="checkbox"/>	7644-93-9	
	<u>CAS No</u>	<input checked="" type="checkbox"/> EHS	<u>State</u>	<u>Storage Container</u>	<u>Pressure</u>		<u>Waste Code</u>	Hydrogen peroxide	6 %		7722-84-1
			Liquid	Plastic/Non-metallic Drum	Ambient		792	Amine compound	5 %		
			<u>Type</u> Waste	Days on Site: 365	<u>Temperature</u> Ambient						

Hazardous Materials And Wastes Inventory Matrix Report

CERS Business/Org.	Harbor Electronics, Inc.	Chemical Location	CERS ID 10088269
Facility Name	Harbor Electronics, Inc.		Facility ID 43-010-205407
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DOT Code/Fire Haz. Class	Common Name	Unit	Quantities			Annual Waste Amount	Federal Hazard Categories	Hazardous Components (For mixture only)		
			Max. Daily	Largest Cont.	Avg. Daily			Component Name	% Wt	EHS CAS No.
DOT: 8 - Corrosives (Liquids and Solids) Corrosive	Etchbond CZ-2030M	Gallons	129	74	129		- Health Acute Toxicity	Formic acid	10 %	64-18-6
	<u>CAS No</u>	<u>State</u>	<u>Storage Container</u>	<u>Pressure</u>	<u>Waste Code</u>		- Health Skin Corrosion Irritation - Health Serious Eye Damage Eye Irritation	Cupric chloride	10 %	7447-39-4
		<u>Liquid</u>	Tank Inside Building, Plastic/Non-metalic Drum	<u>Ambient</u>						
		<u>Type</u>		<u>Temperature</u>						
		<u>Mixture</u>	Days on Site: 365	<u>Ambient</u>						
DOT: 8 - Corrosives (Liquids and Solids) Corrosive	Hydrochloric acid (37%)	Gallons	227	55	227		- Health Skin Corrosion Irritation - Health Serious Eye Damage Eye Irritation - Health Specific Target Organ Toxicity	Hydrochloric acid	37 %	7647-01-0
	<u>CAS No</u>	<u>State</u>	<u>Storage Container</u>	<u>Pressure</u>	<u>Waste Code</u>					
		<u>Liquid</u>	Tank Inside Building, Plastic/Non-metalic Drum	<u>Ambient</u>						
		<u>Type</u>		<u>Temperature</u>						
		<u>Mixture</u>	Days on Site: 365	<u>Ambient</u>						

Hazardous Materials And Wastes Inventory Matrix Report

CERS Business/Org.	Harbor Electronics, Inc.	Chemical Location	CERS ID 10088269
Facility Name	Harbor Electronics, Inc.	<div style="background-color: #cccccc; width: 80px; height: 20px; margin: 0 auto;"></div>	Facility ID 43-010-205407
	3021 Kenneth St, Santa Clara 95054		Status Submitted on 2/17/2021 8:29 PM

DOT Code/Fire Haz. Class	Common Name	Unit	Quantities			Annual Waste Amount	Federal Hazard Categories	Hazardous Components (For mixture only)		
			Max. Daily	Largest Cont.	Avg. Daily			Component Name	% Wt	EHS CAS No.
	Cupric Oxide, HPG-S	Pounds	1000	425	750		- Health Acute Toxicity			
	<u>CAS No</u> 3251-23-8	<u>State</u> Solid	<u>Storage Container</u> Fiber Drum		<u>Pressue</u> Ambient	<u>Waste Code</u>				
		<u>Type</u> Pure	Days on Site: 365		<u>Temperature</u> Ambient					
DOT: 5.1 - Oxidizing Substances Oxidizing, Class 2	Hydrogen Peroxide (35%)	Gallons	90	30	60		- Physical Oxidizer	Hydrogen peroxide	35 %	7722-84-1
	<u>CAS No</u>	<u>State</u> Liquid	<u>Storage Container</u> Plastic/Non-metalic Drum		<u>Pressue</u> Ambient	<u>Waste Code</u>	- Physical Corrosive To Metal			
		<u>Type</u> Mixture	Days on Site: 365		<u>Temperature</u> Ambient		- Health Acute Toxicity - Health Serious Eye Damage Eye Irritation			

Hazardous Materials And Wastes Inventory Matrix Report

CERS Business/Org. Harbor Electronics, Inc. Facility Name Harbor Electronics, Inc. 3021 Kenneth St, Santa Clara 95054	Chemical Location <div style="border: 1px solid black; width: 100px; height: 20px; margin: 0 auto;"></div>	CERS ID 10088269 Facility ID 43-010-205407 Status Submitted on 2/17/2021 8:29 PM
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DOT Code/Fire Haz. Class	Common Name	Unit	Quantities			Annual Waste Amount	Federal Hazard Categories	Hazardous Components (For mixture only)		
			Max. Daily	Largest Cont.	Avg. Daily			Component Name	% Wt	EHS CAS No.
DOT: 8 - Corrosives (Liquids and Solids)	10% Nitric Acid Strip E-Copper Tank	Pounds	477	477	477		- Physical	Nitric Acid	10 %	✓ 7697-37-2
Corrosive	CAS No. <input checked="" type="checkbox"/> EHS	State	Storage Container		Pressue		Corrosive To			
		Liquid	Plastic/Non-metalic Drum		Ambient	Waste Code	Metal			
		Type			Temperature		- Health Skin			
		Mixture	Days on Site: 365		Ambient		Corrosion			
							Irritation			
							- Health Serious			
							Eye Damage Eye			
							Irritation			

Hazardous Materials And Wastes Inventory Matrix Report

CERS Business/Org. Harbor Electronics, Inc.	Chemical Location <div style="border: 1px solid black; width: 20px; height: 20px; margin: 0 auto;"></div>	CERS ID 10088269
Facility Name Harbor Electronics, Inc.		Facility ID 43-010-205407
3021 Kenneth St, Santa Clara 95054		Status Submitted on 2/17/2021 8:29 PM

DOT Code/Fire Haz. Class	Common Name	Unit	Quantities			Annual Waste Amount	Federal Hazard Categories	Hazardous Components (For mixture only)		
			Max. Daily	Largest Cont.	Avg. Daily			Component Name	% Wt	EHS CAS No.
DOT: 3 - Flammable and Combustible Liquids Combustible Liquid, Class II	#2 DIESEL FUEL <u>CAS No</u> 68476-34-6	Gallons	250	250	200	- Physical Flammable - Health - Health Acute Toxicity - Health Reproductive Toxicity - Health Skin Corrosion Irritation - Health Specific Target Organ Toxicity - Health Aspiration Hazard	State Liquid <u>Storage Container</u> Aboveground Tank <u>Type</u> Pure Days on Site: 365	<u>Pressue</u> Ambient <u>Temperature</u> Ambient	<u>Waste Code</u>	
DOT: 2.1 - Flammable Gases Flammable Gas	LIQUEFIED PETROLEUM GAS (LPG) <u>CAS No</u> 74-98-6	Cu. Feet	849	283	849	- Physical Flammable - Physical Gas Under Pressure - Health Simple Asphyxiant	State Gas <u>Storage Container</u> Cylinder <u>Type</u> Pure Days on Site: 365	<u>Pressue</u> < Ambient <u>Temperature</u> Ambient	<u>Waste Code</u>	

Hazardous Materials And Wastes Inventory Matrix Report

CERS Business/Org. Harbor Electronics, Inc. Facility Name Harbor Electronics, Inc. 3021 Kenneth St, Santa Clara 95054	Chemical Location <div style="border: 1px solid black; width: 50px; height: 20px; margin: 0 auto;"></div>	CERS ID 10088269 Facility ID 43-010-205407 Status Submitted on 2/17/2021 8:29 PM
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DOT Code/Fire Haz. Class	Common Name	Unit	Quantities			Annual Waste Amount	Federal Hazard Categories	Hazardous Components (For mixture only)		
			Max. Daily	Largest Cont.	Avg. Daily			Component Name	% Wt	EHS CAS No.
DOT: 2.2 - Nonflammable Gases	Halocarbon 14 <small>CAS No 75-73-0</small>	Cu. Feet <small>State Gas Type Pure</small>	732 <small>Storage Container Cylinder Days on Site: 365</small>	244	488 <small>Pressue > Ambient Temperature Ambient</small>	488 <small>Waste Code</small>	- Physical Gas Under Pressure - Health Simple Asphyxiant			
DOT: 2.2 - Nonflammable Gases Oxidizing Gas, Liquefied	Liquid Oxygen <small>CAS No 7782-44-7</small>	Gallons <small>State Liquid Type Pure</small>	75.6 <small>Storage Container Cylinder Days on Site: 365</small>	37.8	75.6 <small>Pressue > Ambient Temperature Cryogenic</small>	75.6 <small>Waste Code</small>	- Physical Gas Under Pressure - Physical Oxidizer			
DOT: 2.2 - Nonflammable Gases	NITROGEN, compressed <small>CAS No 7727-37-9</small>	Cu. Feet <small>State Gas Type Pure</small>	684 <small>Storage Container Cylinder Days on Site: 365</small>	228	456 <small>Pressue > Ambient Temperature Ambient</small>	456 <small>Waste Code</small>	- Physical Gas Under Pressure - Health Simple Asphyxiant			
DOT: 2.2 - Nonflammable Gases Cryogen	Nitrogen, liquid <small>CAS No 7727-37-9</small>	Gallons <small>State Liquid Type Pure</small>	476 <small>Storage Container Cylinder Days on Site: 365</small>	119	476 <small>Pressue > Ambient Temperature Cryogenic</small>	476 <small>Waste Code</small>	- Physical Gas Under Pressure - Health Simple Asphyxiant			
DOT: 2.2 - Nonflammable Gases Oxidizing, Class 2	OXYGEN, Compressed <small>CAS No 7782-44-7</small>	Cu. Feet <small>State Gas Type Pure</small>	996 <small>Storage Container Cylinder Days on Site: 365</small>	249	747 <small>Pressue > Ambient Temperature Ambient</small>	747 <small>Waste Code</small>	- Physical Gas Under Pressure - Physical Oxidizer			

Hazardous Materials And Wastes Inventory Matrix Report

CERS Business/Org. Harbor Electronics, Inc.	Chemical Location	CERS ID 10088269
Facility Name Harbor Electronics, Inc.	[REDACTED]	Facility ID 43-010-205407
3021 Kenneth St, Santa Clara 95054		Status Submitted on 2/17/2021 8:29 PM

DOT Code/Fire Haz. Class	Common Name	Unit	Quantities			Annual Waste Amount	Federal Hazard Categories	Hazardous Components (For mixture only)		
			Max. Daily	Largest Cont.	Avg. Daily			Component Name	% Wt	EHS CAS No.
DOT: 2.2 - Nonflammable Gases	ARGON, COMPRESSED	Cu. Feet	1488	248	1240		- Physical Gas Under Pressure - Health Simple Asphyxiant			
	CAS No 7440-37-1	State Gas	Storage Container Cylinder		Pressue > Ambient	Waste Code				
		Type Pure	Days on Site: 365		Temperature Ambient					

Hazardous Materials And Wastes Inventory Matrix Report

CERS Business/Org. Harbor Electronics, Inc. Facility Name Harbor Electronics, Inc. 3021 Kenneth St, Santa Clara 95054	Chemical Location <div style="border: 1px solid black; width: 40px; height: 20px; margin: 0 auto;"></div>	CERS ID 10088269 Facility ID 43-010-205407 Status Submitted on 2/17/2021 8:29 PM
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DOT Code/Fire Haz. Class	Common Name	Unit	Quantities			Annual Waste Amount	Federal Hazard Categories	Hazardous Components (For mixture only)		
			Max. Daily	Largest Cont.	Avg. Daily			Component Name	% Wt	EHS
DOT: 8 - Corrosives (Liquids and Solids) Corrosive	Acid Copper	Pounds	19265	6653	19265	- Health	Copper sulfate	17 %	✓	7758-98-7
	CAS No	State	Storage Container	Pressue	Waste Code	- Health Skin	sulfuric acid	12 %	✓	7664-93-9
	✓ EHS	Liquid	Tank Inside Building	Ambient		Corrosion	Hydrochloric acid	1 %		7647-01-0
		Type	Mixture	Days on Site: 365	Temperature	> Ambient	Irritation			
DOT: 8 - Corrosives (Liquids and Solids) Corrosive	Acid Copper Dragout	Pounds	589	589	589	- Health	Copper sulfate	5 %		7758-98-7
	CAS No	State	Storage Container	Pressue	Waste Code	- Health Skin	sulfuric acid	10 %	✓	7664-93-9
	✓ EHS	Liquid	Tank Inside Building	Ambient		Corrosion				
		Type	Mixture	Days on Site: 365	Temperature	Ambient	Irritation			
DOT: 8 - Corrosives (Liquids and Solids) Corrosive	Acid Copper Pulse Plating Solution	Pounds	24705	9100	24705	- Health	sulfuric acid	15 %	✓	7664-93-9
	CAS No	State	Storage Container	Pressue	Waste Code	- Health Skin	Copper sulfate	30 %		7758-98-7
	✓ EHS	Liquid	Tank Inside Building	Ambient		Corrosion				
		Type	Mixture	Days on Site: 365	Temperature	> Ambient	Irritation			
DOT: 8 - Corrosives (Liquids and Solids) Corrosive	Alkastrip (RS-8037RC)	Gallons	118	118	118	- Health Acute Toxicity	Monoethanaolamine	4 %		9007-33-4
	CAS No	State	Storage Container	Pressue	Waste Code	- Health Skin	Choline hydroxide	2 %		123-41-1
		Liquid	Tank Inside Building	Ambient		Corrosion				
		Type	Mixture	Days on Site: 365	Temperature	> Ambient	Irritation			

Hazardous Materials And Wastes Inventory Matrix Report

CERS Business/Org. Harbor Electronics, Inc.	Chemical Location <div style="background-color: black; width: 40px; height: 20px; margin: 0 auto;"></div>	CERS ID 10088269
Facility Name Harbor Electronics, Inc. 3021 Kenneth St, Santa Clara 95054		Facility ID 43-010-205407
		Status Submitted on 2/17/2021 8:29 PM

DOT Code/Fire Haz. Class	Common Name	Unit	Quantities			Annual Waste Amount	Federal Hazard Categories	Hazardous Components (For mixture only)		
			Max. Daily	Largest Cont.	Avg. Daily			Component Name	% Wt	EHS CAS No.
DOT: 8 - Corrosives (Liquids and Solids) Corrosive	Cataposit 44 Catalyst Concentrate	Gallons	129	129	129		- Physical Corrosive To Metal	stannous chloride	10 %	7772-99-8
	<u>CAS No</u>	<u>State</u> Liquid	<u>Storage Container</u> Tank Inside Building		<u>Pressue</u> Ambient	<u>Waste Code</u>	- Health Reproductive Toxicity - Health Skin Corrosion Irritation - Health Respiratory Skin Sensitization - Health Serious Eye Damage Eye Irritation - Health Specific Target Organ Toxicity - Health Germ Cell Mutagenicity	hydrochloric acid palladium chloride Sodium bisulfate	2 % 1 % 5 %	7647-01-0 2099324 7681-38-1
		<u>Type</u> Mixture	Days on Site: 365		<u>Temperature</u> > Ambient					
	Cataprep 404 Concentrate	Gallons	129	129	129		- Health Serious Eye Damage Eye Irritation	sodium bisulfate carbamic acid	5 % 1 %	7681-38-1 57-13-6
	<u>CAS No</u>	<u>State</u> Liquid	<u>Storage Container</u> Tank Inside Building		<u>Pressue</u> Ambient	<u>Waste Code</u>				
		<u>Type</u> Mixture	Days on Site: 365		<u>Temperature</u> Ambient					
DOT: 8 - Corrosives (Liquids and Solids) Corrosive	Circuposit MLB Conditioner 211A	Gallons	129	129	129		- Health Serious Eye Damage Eye Irritation	phosphoric acid diethylene glycol monobutyl ether Sodium Hydroxide	5 % 5 % 5 %	7664-38-2 112-34-5 1310-73-2
	<u>CAS No</u>	<u>State</u> Liquid	<u>Storage Container</u> Tank Inside Building		<u>Pressue</u> Ambient	<u>Waste Code</u>				
		<u>Type</u> Mixture	Days on Site: 365		<u>Temperature</u> > Ambient					
	Copper Inhibitor LD	Gallons	85	85	85		- Health Serious Eye Damage Eye Irritation	propylene glycol	1 %	57-55-6
	<u>CAS No</u>	<u>State</u> Liquid	<u>Storage Container</u> Tank Inside Building		<u>Pressue</u> Ambient	<u>Waste Code</u>				
		<u>Type</u> Mixture	Days on Site: 365		<u>Temperature</u> Ambient					

Hazardous Materials And Wastes Inventory Matrix Report

CERS Business/Org.	Harbor Electronics, Inc.	Chemical Location		CERS ID	10088269
Facility Name	Harbor Electronics, Inc.			Facility ID	43-010-205407
	3021 Kenneth St, Santa Clara 95054			Status	Submitted on 2/17/2021 8:29 PM

DOT Code/Fire Haz. Class	Common Name	Unit	Quantities			Annual Waste Amount	Federal Hazard Categories	Hazardous Components (For mixture only)		
			Max. Daily	Largest Cont.	Avg. Daily			Component Name	% Wt	EHS CAS No.
DOT: 9 - Misc. Hazardous Materials Toxic	Gold Bath	Gallons	209	209	209		- Health	Potassium dicyanoaurate	1 %	13967-50-5
	<u>CAS No</u>	<u>State</u>	<u>Storage Container</u>	<u>Pressue</u>	<u>Waste Code</u>		Carcinogenicity			
		Liquid	Tank Inside Building	Ambient			- Health	Oxalic acid	1 %	144-62-7
		<u>Type</u>		<u>Temperature</u>			Reproductive	Nickel	1 %	7440-02-0
		Mixture	Days on Site: 365	> Ambient			Toxicity			
							- Health Skin			
							Corrosion			
							Irritation			
							- Health			
							Respiratory Skin			
							Sensitization			
							- Health Serious			
							Eye Damage Eye			
							Irritation			
							- Health Specific			
							Target Organ			
							Toxicity			
DOT: 9 - Misc. Hazardous Materials Toxic	Gold Plating Solution Drag Out	Gallons	68	34	68		- Health	Potassium dicyanoaurate	1 %	13967-50-5
	<u>CAS No</u>	<u>State</u>	<u>Storage Container</u>	<u>Pressue</u>	<u>Waste Code</u>		Carcinogenicity			
		Liquid	Tank Inside Building	Ambient			- Health	Oxalic acid	1 %	144-62-7
		<u>Type</u>		<u>Temperature</u>			Reproductive	Nickel	1 %	7440-02-0
		Mixture	Days on Site: 365	Ambient			Toxicity			
							- Health Skin			
							Corrosion			
							Irritation			
							- Health			
							Respiratory Skin			
							Sensitization			
							- Health Serious			
							Eye Damage Eye			
							Irritation			
							- Health Specific			
							Target Organ			
							Toxicity			
DOT: 8 - Corrosives (Liquids and Solids)	High Speed Accugard Replenisher	Gallons	156	156	156		- Health Acute	Ammonium chloride	22 %	12125-02-9
	<u>CAS No</u>	<u>State</u>	<u>Storage Container</u>	<u>Pressue</u>	<u>Waste Code</u>		Toxicity			
		Liquid	Tank Inside Building	Ambient			- Health Skin	ammonium hydroxide	22 %	1336-21-6
		<u>Type</u>		<u>Temperature</u>			Corrosion	Ammonium carbonate	4 %	506-87-6
		Mixture	Days on Site: 365	Ambient			Irritation			
							- Health Serious			
							Eye Damage Eye			
							Irritation			
							- Health Specific			
							Target Organ			
							Toxicity			

Hazardous Materials And Wastes Inventory Matrix Report

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DOT Code/Fire Haz. Class	Common Name	Unit	Quantities			Annual Waste Amount	Federal Hazard Categories	Hazardous Components (For mixture only)			
			Max. Daily	Largest Cont.	Avg. Daily			Component Name	% Wt	EHS	CAS No.
DOT: 5.1 - Oxidizing Substances	Microetch Copper Prep III	Pounds	583	583	583		- Physical Oxidizer	Sulfuric acid	2 %	<input checked="" type="checkbox"/>	7664-93-9
Corrosive, Oxidizing, Class 1	CAS No. <input type="checkbox"/> EHS <input checked="" type="checkbox"/>	<u>State</u>	<u>Storage Container</u>		<u>Pressure</u>	<u>Waste Code</u>	- Health Acute	Oxone Monopersulfate	1 %		70693-62-8
		Liquid	Tank Inside Building		Ambient		- Health Skin	Potassium hydrogensulphate	1 %		7646-93-7
		<u>Type</u>			<u>Temperature</u>		- Health Serious				
		Mixture	Days on Site: 365		Ambient		- Health Specific				
							Corrosion				
							Irritation				
							- Health				
							Respiratory Skin				
							Sensitization				
							- Health Serious				
							Eye Damage Eye				
							Irritation				
							- Health Specific				
							Target Organ				
							Toxicity				
DOT: 9 - Misc. Hazardous Materials	Nickel Bath	Gallons	398	398	398		- Physical	Nickel bromide	2 %		13462-88-9
	CAS No. <input type="checkbox"/>	<u>State</u>	<u>Storage Container</u>		<u>Pressure</u>		Corrosive To				
		Liquid	Tank Inside Building		Ambient	<u>Waste Code</u>	Metal	Nickel sulfamate	40 %		124594-15-6
		<u>Type</u>			<u>Temperature</u>		- Health	Boric acid	4 %		10043-35-3
		Mixture	Days on Site: 365		> Ambient		Carcinogenicity				
							- Health Acute				
							Toxicity				
							- Health				
							Reproductive				
							Toxicity				
							- Health Skin				
							Corrosion				
							Irritation				
							- Health				
							Respiratory Skin				
							Sensitization				
							- Health Serious				
							Eye Damage Eye				
							Irritation				
							- Health Specific				
							Target Organ				
							Toxicity				

Hazardous Materials And Wastes Inventory Matrix Report

CERS Business/Org.	Harbor Electronics, Inc.	Chemical Location	[REDACTED]	CERS ID	10088269
Facility Name	Harbor Electronics, Inc.			Facility ID	43-010-205407
	3021 Kenneth St, Santa Clara 95054			Status	Submitted on 2/17/2021 8:29 PM

DOT Code/Fire Haz. Class	Common Name	Unit	Quantities			Annual Waste Amount	Federal Hazard Categories	Hazardous Components (For mixture only)			
			Max. Daily	Largest Cont.	Avg. Daily			Component Name	% Wt	EHS	CAS No.
DOT: 8 - Corrosives (Liquids and Solids)	PC-4025	Gallons	56	56	56		- Health Acute	Glycol ether	5 %		
	<u>CAS No</u>	<u>State</u>	<u>Storage Container</u>		<u>Pressure</u>		Toxicity				
		Liquid	Tank Inside Building		Ambient	<u>Waste Code</u>	- Health Skin	Proprietary glycol	5 %		
		<u>Type</u>			<u>Temperature</u>		Corrosion	Amines	5 %		
		Mixture	Days on Site: 365		> Ambient		Irritation	Choline Hydroxide	2 %		123-41-1
							- Health	Alkaline Quaternary Amine	2 %		
							Respiratory Skin Sensitization				
							- Health Serious				
							Eye Damage Eye Irritation				
							- Health Specific				
							Target Organ Toxicity				
DOT: 8 - Corrosives (Liquids and Solids)	Preposit Etch 748	Pounds	721	721	721		- Physical Oxidizer	Sulfuric acid	2 %	✓	7664-93-9
	<u>CAS No</u>	<u>State</u>	<u>Storage Container</u>		<u>Pressure</u>		- Physical				
		Liquid	Tank Inside Building		Ambient	<u>Waste Code</u>	SelfReactive	Pentapotassium bis	3 %		70693-62-8
		<u>Type</u>			<u>Temperature</u>		- Health	(peroxymonosulphate)bis			
		Mixture	Days on Site: 365		> Ambient		Carcinogenicity	(sulphate)			
							- Health Skin				
							Corrosion				
							Irritation				
							- Health Serious				
							Eye Damage Eye Irritation				
DOT: 8 - Corrosives (Liquids and Solids)	Pulse Copper Solution	Pounds	300	300	238		- Health	Sulfuric acid	15 %	✓	7664-93-9
	<u>CAS No</u>	<u>State</u>	<u>Storage Container</u>		<u>Pressure</u>		Carcinogenicity				
		Liquid	Cylinder		Ambient	<u>Waste Code</u>	- Health Skin	Copper sulfate	30 %		7758-98-7
		<u>Type</u>			<u>Temperature</u>		Corrosion				
		Mixture	Days on Site: 365		Ambient		Irritation				
							- Health Serious				
							Eye Damage Eye Irritation				

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CERS Business/Org.	Harbor Electronics, Inc.	Chemical Location		CERS ID	10088269
Facility Name	Harbor Electronics, Inc.			Facility ID	43-010-205407
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DOT Code/Fire Haz. Class	Common Name	Unit	Quantities			Annual Waste Amount	Federal Hazard Categories	Hazardous Components (For mixture only)		
			Max. Daily	Largest Cont.	Avg. Daily			Component Name	% Wt	EHS
DOT: 8 - Corrosives (Liquids and Solids) Corrosive	Ronastan EC Acid Tin	Pounds	1723	1723	1723	- Health	sulfuric acid	10 %	✓	7664-93-9
	CAS No. <input checked="" type="checkbox"/> EHS	State	Storage Container	Pressue	Waste Code	- Health Acute	Stannous sulfate	5 %		7488-55-3
		Liquid	Tank Inside Building	Ambient		Toxicity				
		Type		Temperature		- Health				
		Mixture	Days on Site: 365	> Ambient		Reproductive				
						Toxicity				
						- Health Skin				
						Corrosion				
						Irritation				
						- Health				
						Respiratory Skin				
						Sensitization				
						- Health Serious				
						Eye Damage Eye				
						Irritation				
						- Health Specific				
						Target Organ				
						Toxicity				
						- Health Germ				
						Cell Mutagenicity				
DOT: 8 - Corrosives (Liquids and Solids) Corrosive	Sulfuric acid (15%)	Pounds	1859	1183	1859	- Health	Sulfuric acid	15 %	✓	7664-93-9
	CAS No. <input checked="" type="checkbox"/> EHS	State	Storage Container	Pressue	Waste Code	- Health Acute				
	7644-93-9	Liquid	Tank Inside Building	Ambient		- Health Skin				
		Type		Temperature		Corrosion				
		Pure	Days on Site: 365	Ambient		Irritation				
						- Health Serious				
						Eye Damage Eye				
						Irritation				
DOT: 8 - Corrosives (Liquids and Solids) Corrosive	Sulfuric acid (5%)	Pounds	434	434	434	- Health	Sulfuric acid	5 %	✓	7664-93-9
	CAS No. <input checked="" type="checkbox"/> EHS	State	Storage Container	Pressue	Waste Code	- Health Acute				
		Liquid	Tank Inside Building	Ambient		- Health Skin				
		Type		Temperature		Corrosion				
		Mixture	Days on Site: 365	Ambient		Irritation				
						- Health Serious				
						Eye Damage Eye				
						Irritation				
DOT: 8 - Corrosives (Liquids and Solids) Corrosive	TAS #2	Gallons	62	62	62	- Health Acute	Sulfamic acid	1 %		5329-14-6
	CAS No.	State	Storage Container	Pressue	Waste Code	Toxicity				
		Liquid	Tank Inside Building	Ambient		- Health Skin	Ammonium Bifluoride	1 %		1341-49-7
		Type		Temperature		Corrosion				
		Mixture	Days on Site: 365	Ambient		Irritation				
						- Health Serious				
						Eye Damage Eye				
						Irritation				

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CERS Business/Org. Harbor Electronics, Inc.	Chemical Location	CERS ID 10088269
Facility Name Harbor Electronics, Inc.	[Redacted]	Facility ID 43-010-205407
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DOT Code/Fire Haz. Class	Common Name	Unit	Quantities			Annual Waste Amount	Federal Hazard Categories	Hazardous Components (For mixture only)		
			Max. Daily	Largest Cont.	Avg. Daily			Component Name	% Wt	EHS CAS No.
DOT: 8 - Corrosives (Liquids and Solids) Corrosive	Circuposit Neutralizer 3313-1	Gallons	239	129	239		- Health	methane sulfonic acid	8 %	75-75-2
	<u>CAS No</u>	<u>State</u>	<u>Storage Container</u>	<u>Pressue</u>	<u>Waste Code</u>		Carcinogenicity			
		Liquid	Tank Inside Building, Plastic/Non-metalic Drum	Ambient			- Health Acute Toxicity	Hydroxylammonium sulfate	1 %	10039-54-0
		<u>Type</u> Mixture	Days on Site: 365	> Ambient			- Health Skin Corrosion Irritation	Ethoxylated Isodecyl Alcohol	1 %	78330-20-8
DOT: 5.1 - Oxidizing Substances Corrosive, Oxidizing, Class 1	COBRA BOND Oxide 50	Gallons	110	55	110		- Physical Oxidizer	Hydrogen peroxide	50 %	7722-84-1
	<u>CAS No</u>	<u>State</u>	<u>Storage Container</u>	<u>Pressue</u>	<u>Waste Code</u>		- Physical Corrosive To Metal			
		Liquid	Plastic/Non-metalic Drum, Carboy	Ambient						
		<u>Type</u> Mixture	Days on Site: 365	Ambient						
DOT: 8 - Corrosives (Liquids and Solids) Corrosive	COBRA BOND Pre Mix AP	Pounds	2680	536	1608		- Health Carcinogenicity	Sulfuric Acid	15 %	✓ 7664-93-9
	<u>CAS No</u>	<u>State</u>	<u>Storage Container</u>	<u>Pressue</u>	<u>Waste Code</u>		- Health Skin Corrosion Irritation			
		Liquid	Plastic/Non-metalic Drum	Ambient			- Health Serious Eye Damage Eye Irritation			
		<u>Type</u> Mixture	Days on Site: 365	Ambient						
DOT: 8 - Corrosives (Liquids and Solids)	Copper Gleam CuPulse Additive A	Pounds	2193	355	2193		- Health Respiratory Skin Sensitization	Sulfuric acid	2 %	✓ 7664-93-9
	<u>CAS No</u>	<u>State</u>	<u>Storage Container</u>	<u>Pressue</u>	<u>Waste Code</u>			Copper Sulfate	1 %	7758-98-7
		Liquid	Tank Inside Building, Carboy	Ambient						
		<u>Type</u> Mixture	Days on Site: 365	Ambient						

Hazardous Materials And Wastes Inventory Matrix Report

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DOT Code/Fire Haz. Class	Common Name	Unit	Quantities			Annual Waste Amount	Federal Hazard Categories	Hazardous Components (For mixture only)			
			Max. Daily	Largest Cont.	Avg. Daily			Component Name	% Wt	EHS	CAS No.
DOT: 8 - Corrosives (Liquids and Solids) Corrosive, Oxidizing, Class 1	EZ6001 Solder Stripper	Pounds	1054	552	1054		- Physical Oxidizer	Ferric Nitrate	8 %	✓	10421-48-4
	<u>CAS No</u>	<u>State</u>	<u>Storage Container</u>	<u>Pressue</u>	<u>Waste Code</u>	- Physical	nitric acid	28 %	✓	7697-37-2	
	<input checked="" type="checkbox"/> EHS	Liquid	Tank Inside Building, Plastic/Non-metalic Drum	Ambient		Corrosive To Metal	Ethylenediamine	2 %	✓	107-15-3	
		<u>Type</u>	Days on Site: 365	<u>Temperature</u>		- Health Acute Toxicity					
DOT: 8 - Corrosives (Liquids and Solids) Corrosive	High Speed AC-Cu-Guard Plus Replenisher	Gallons	220	55	220		- Health Acute Toxicity	ammonium hydroxide	20 %		1336-21-6
	<u>CAS No</u>	<u>State</u>	<u>Storage Container</u>	<u>Pressue</u>	<u>Waste Code</u>	- Health Skin Corrosion	ammonium chloride	20 %		12125-02-9	
		Liquid	Plastic/Non-metalic Drum	Ambient		Irritation					
		<u>Type</u>	Days on Site: 365	<u>Temperature</u>		- Health Serious Eye Damage Eye Irritation					
DOT: 8 - Corrosives (Liquids and Solids) Corrosive	OS-953 Dryfilm Soldermask Remover	Gallons	152	55	152		- Health Skin Corrosion	Sodium Hydroxide	20 %		1310-73-2
	<u>CAS No</u>	<u>State</u>	<u>Storage Container</u>	<u>Pressue</u>	<u>Waste Code</u>	Irritation	N-Methyl-2-pyrrolidone	15 %		872-50-4	
		Liquid	Tank Inside Building, Plastic/Non-metalic Drum	Ambient		- Health Serious Eye Damage Eye Irritation					
		<u>Type</u>	Days on Site: 365	<u>Temperature</u>							
DOT: 8 - Corrosives (Liquids and Solids) Corrosive	SSA, SSB Alkastrip	Pounds	655	541	655		- Physical Oxidizer	Nitric Acid	45 %	✓	7697-37-2
	<u>CAS No</u>	<u>State</u>	<u>Storage Container</u>	<u>Pressue</u>	<u>Waste Code</u>	- Physical	Sulfamic acid	10 %		5329-14-6	
	<input checked="" type="checkbox"/> EHS	Liquid	Tank Inside Building, Plastic/Non-metalic Drum	Ambient		Corrosive To Metal					
		<u>Type</u>	Days on Site: 365	<u>Temperature</u>		- Health Acute Toxicity					

Hazardous Materials And Wastes Inventory Matrix Report

CERS Business/Org.	Harbor Electronics, Inc.	Chemical Location	CERS ID 10088269
Facility Name	Harbor Electronics, Inc.	<div style="background-color: #cccccc; width: 150px; height: 20px;"></div>	Facility ID 43-010-205407
	3021 Kenneth St, Santa Clara 95054		Status Submitted on 2/17/2021 8:29 PM

DOT Code/Fire Haz. Class	Common Name	Unit	Quantities			Annual Waste Amount	Federal Hazard Categories	Hazardous Components (For mixture only)		
			Max. Daily	Largest Cont.	Avg. Daily			Component Name	% Wt	EHS
DOT: 8 - Corrosives (Liquids and Solids) Corrosive	Technic Microetch 85 <u>CAS No</u>	Gallons	85	47	85	- Health Acute Toxicity - Health Skin Corrosion Irritation - Health Serious Eye Damage Eye Irritation	potassium peroxymonosulfate	96 %	70693-62-8	
		<u>State</u> Liquid	<u>Storage Container</u> Tank Inside Building, Carboy			<u>Pressue</u> Ambient <u>Waste Code</u>				
		<u>Type</u> Mixture	Days on Site: 365			<u>Temperature</u> Ambient				

Hazardous Materials And Wastes Inventory Matrix Report

CERS Business/Org. Harbor Electronics, Inc. Facility Name Harbor Electronics, Inc. 3021 Kenneth St, Santa Clara 95054	Chemical Location <div style="border: 1px solid black; width: 100px; height: 20px; margin: 0 auto;"></div>	CERS ID 10088269 Facility ID 43-010-205407 Status Submitted on 2/17/2021 8:29 PM
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DOT Code/Fire Haz. Class	Common Name	Unit	Quantities			Annual Waste Amount	Federal Hazard Categories	Hazardous Components (For mixture only)		
			Max. Daily	Largest Cont.	Avg. Daily			Component Name	% Wt	EHS CAS No.
DOT: 8 - Corrosives (Liquids and Solids) Corrosive	Acid Cleaner 6A	Gallons	153	93	143		- Health Skin Corrosion	phosphoric acid	5 %	7664-38-2
	<u>CAS No</u>	<u>State</u>	<u>Storage Container</u>		<u>Pressue</u>	<u>Waste Code</u>	Irritation	ETHYLENE GLYCOL	5 %	107-21-1
		<u>Liquid</u>	Tank Inside Building, Carboy		<u>Ambient</u>		- Health Serious Eye Damage Eye Irritation			
		<u>Type</u>	Mixture	Days on Site: 365	<u>Temperature</u>		- Health Specific Target Organ Toxicity			
DOT: 8 - Corrosives (Liquids and Solids) Corrosive, Combustible Liquid, Class III-B	Circuposit 3350 Electroless Copper	Gallons	560	258	560		- Physical Corrosive To Metal	copper chloride	8 %	7447-39-4
	<u>CAS No</u>	<u>State</u>	<u>Storage Container</u>		<u>Pressue</u>	<u>Waste Code</u>	- Health Carcinogenicity	tetrasodium salt of EDTA tetrahydrate	5 %	64-02-8
		<u>Liquid</u>	Tank Inside Building, Carboy		<u>Ambient</u>		- Health Acute Toxicity	sodium hydroxide	2 %	7732-18-5
		<u>Type</u>	Mixture	Days on Site: 365	<u>Temperature</u>		- Health Acute Toxicity Corrosion Irritation - Health Respiratory Skin Sensitization	formaldehyde	1 %	50-00-0
DOT: 8 - Corrosives (Liquids and Solids) Corrosive	Circuposit Conditioner 3320A	Pounds	1130	1085	1130		- Physical Corrosive To Metal	p-toluenesulfonic acid	2 %	104-15-4
	<u>CAS No</u>	<u>State</u>	<u>Storage Container</u>		<u>Pressue</u>	<u>Waste Code</u>	- Health Reproductive Toxicity	sulfuric acid	1 %	✓ 7664-93-9
		<u>Liquid</u>	Tank Inside Building, Carboy		<u>Ambient</u>		- Health Skin Corrosion Irritation	glycolic acid	4 %	79-14-1
		<u>Type</u>	Mixture	Days on Site: 365	<u>Temperature</u>		- Health Serious Eye Damage Eye Irritation			

Hazardous Materials And Wastes Inventory Matrix Report

CERS Business/Org. Harbor Electronics, Inc. Facility Name Harbor Electronics, Inc. 3021 Kenneth St, Santa Clara 95054	Chemical Location <div style="border: 1px solid black; height: 20px; width: 100%;"></div>	CERS ID 10088269 Facility ID 43-010-205407 Status Submitted on 2/17/2021 8:29 PM
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DOT Code/Fire Haz. Class	Common Name	Unit	Quantities			Annual Waste Amount	Federal Hazard Categories	Hazardous Components (For mixture only)		
			Max. Daily	Largest Cont.	Avg. Daily			Component Name	% Wt	EHS
DOT: 8 - Corrosives (Liquids and Solids) Corrosive	Duraprep SSP 1000	Pounds	529	353	441	- Health Acute Toxicity - Health Skin Corrosion Irritation - Health Serious Eye Damage Eye Irritation	Hydrochloric acid	17 %	✓	7647-01-0
	CAS No. <input checked="" type="checkbox"/> EHS	State <u>Storage Container</u> Liquid Tank Inside Building, Carboy	Pressue <u>Ambient</u>	Temperature <u>> Ambient</u>	Waste Code		sulfuric acid	3 %	✓	7664-93-9
DOT: 8 - Corrosives (Liquids and Solids) Corrosive	Techni-X cell 318	Pounds	1113	888	1063	- Health Skin Corrosion Irritation - Health Serious Eye Damage Eye Irritation	Sulfuric acid	50 %	✓	7664-93-9
	CAS No. <input checked="" type="checkbox"/> EHS	State <u>Storage Container</u> Liquid Tank Inside Building, Carboy	Pressue <u>Ambient</u>	Temperature <u>> Ambient</u>	Waste Code		hydrochloric acid	10 %		7647-01-0

Hazardous Materials And Wastes Inventory Matrix Report

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	3021 Kenneth St, Santa Clara 95054		Status Submitted on 2/17/2021 8:29 PM

DOT Code/Fire Haz. Class	Common Name	Unit	Quantities			Annual Waste Amount	Federal Hazard Categories	Hazardous Components (For mixture only)		
			Max. Daily	Largest Cont.	Avg. Daily			Component Name	% Wt	EHS CAS No.
DOT: 8 - Corrosives (Liquids and Solids)	Circuposit Promoter 3308	Gallons	372	172	372		- Physical Oxidizer	Sodium Permanganate	70 %	10101-50-5
Oxidizing, Class 2, Corrosive	<u>CAS No</u>	<u>State</u>	<u>Storage Container</u>		<u>Pressue</u>	<u>Waste Code</u>	- Health Acute	Sodium Hydroxide	20 %	1310-73-2
		<u>Liquid</u>	Tank Inside Building, Plastic/Non-metalic Drum		<u>Ambient</u>		- Health Skin			
		<u>Type</u>	Mixture	Days on Site: 365	<u>Temperature</u>		- Health Serious			
					<u>> Ambient</u>		Corrosion			
							Irritation			
							- Health Serious			
							Eye Damage Eye			
							Irritation			

Hazardous Materials And Wastes Inventory Matrix Report

CERS Business/Org. Harbor Electronics, Inc.	Chemical Location <div style="border: 1px solid black; width: 100px; height: 20px; margin: 0 auto;"></div>	CERS ID 10088269
Facility Name Harbor Electronics, Inc.		Facility ID 43-010-205407
3021 Kenneth St, Santa Clara 95054		Status Submitted on 2/17/2021 8:29 PM

DOT Code/Fire Haz. Class	Common Name	Unit	Quantities			Annual Waste Amount	Federal Hazard Categories	Hazardous Components (For mixture only)			
			Max. Daily	Largest Cont.	Avg. Daily			Component Name	% Wt	EHS	CAS No.
DOT: 8 - Corrosives (Liquids and Solids) Corrosive	Ronaclean EVP-210S	Pounds	2216	1074	2216		- Physical Corrosive To	Sulfuric acid	20 %	<input checked="" type="checkbox"/>	7664-93-9
	<u>CAS No</u> <input checked="" type="checkbox"/> EHS	<u>State</u>	<u>Storage Container</u>	<u>Pressure</u>	<u>Waste Code</u>		Metal	Formic acid	10 %		64-18-6
		<u>Liquid</u>	Tank Inside Building, Plastic/Non-	Ambient			- Health Skin Corrosion Irritation - Health Serious Eye Damage Eye Irritation				
		<u>Type</u>	metallic Drum								
		<u>Mixture</u>	Days on Site: 365	> Ambient							

Hazardous Materials And Wastes Inventory Matrix Report

CERS Business/Org.	Harbor Electronics, Inc.	Chemical Location	CERS ID 10088269
Facility Name	Harbor Electronics, Inc.	[REDACTED]	Facility ID 43-010-205407
	3021 Kenneth St, Santa Clara 95054		Status Submitted on 2/17/2021 8:29 PM

DOT Code/Fire Haz. Class	Common Name	Unit	Quantities			Annual Waste Amount	Federal Hazard Categories	Hazardous Components (For mixture only)		
			Max. Daily	Largest Cont.	Avg. Daily			Component Name	% Wt	EHS CAS No.
DOT: 8 - Corrosives (Liquids and Solids)	Caustic Soda Liquid	Gallons	350	350	350	- Health Acute	Sodium Hydroxide	50 %	1310-73-2	
Corrosive	<u>CAS No</u>	<u>State</u>	<u>Storage Container</u>		<u>Pressue</u>	<u>Waste Code</u>	Toxicity			
		Liquid	Aboveground Tank		Ambient		- Health Skin			
		<u>Type</u>			<u>Temperature</u>		Corrosion			
		Mixture	Days on Site: 365		Ambient		Irritation			
							- Health Serious			
							Eye Damage Eye			
							Irritation			
DOT: 8 - Corrosives (Liquids and Solids)	Enthone PC-4025	Gallons	110	55	55	- Health Acute	Glycol ether	25 %		
Corrosive	<u>CAS No</u>	<u>State</u>	<u>Storage Container</u>		<u>Pressue</u>	<u>Waste Code</u>	Toxicity			
		Liquid	Plastic/Non-metalic Drum		Ambient		- Health Skin	Amines	25 %	
		<u>Type</u>			<u>Temperature</u>		Corrosion	Choline hydroxide	5 %	
		Mixture	Days on Site: 365		Ambient		Irritation	Quaternary amine	5 %	
							- Health			
							Respiratory Skin			
							Sensitization			
							- Health Serious			
							Eye Damage Eye			
							Irritation			
							- Health Specific			
							Target Organ			
							Toxicity			
DOT: 8 - Corrosives (Liquids and Solids)	Resist Stripper RS-8037RC	Gallons	220	55	165	- Health Acute	CHOLINE HYDROXIDE	7 %	123-41-1	
Corrosive	<u>CAS No</u>	<u>State</u>	<u>Storage Container</u>		<u>Pressue</u>	<u>Waste Code</u>	Toxicity			
		Liquid	Plastic/Non-metalic Drum		Ambient		- Health Skin	TETRAMETHYL AMMONIUM	3 %	
		<u>Type</u>			<u>Temperature</u>		Corrosion	HYDROXIDE		
		Mixture	Days on Site: 365		Ambient		Irritation	Monoethanolamine	50 %	
							- Health	ethylenediamine	3 %	
							Respiratory Skin		107-15-3	
							Sensitization			
							- Health Serious			
							Eye Damage Eye			
							Irritation			
							- Health Specific			
							Target Organ			
							Toxicity			
DOT: 8 - Corrosives (Liquids and Solids)	Sodium Hydroxide (50%)	Gallons	436	436	436	- Physical	Sodium hydroxide	50 %	1310-73-2	
Corrosive	<u>CAS No</u>	<u>State</u>	<u>Storage Container</u>		<u>Pressue</u>	<u>Waste Code</u>	Corrosive To			
		Liquid	Aboveground Tank		Ambient		Metal			
		<u>Type</u>			<u>Temperature</u>		- Health Skin			
		Mixture	Days on Site: 365		Ambient		Corrosion			
							Irritation			
							- Health Serious			
							Eye Damage Eye			
							Irritation			

Hazardous Materials And Wastes Inventory Matrix Report

CERS Business/Org. Harbor Electronics, Inc. Facility Name Harbor Electronics, Inc. 3021 Kenneth St, Santa Clara 95054	Chemical Location <div style="border: 1px solid black; width: 100px; height: 20px; margin: 0 auto;"></div>	CERS ID 10088269 Facility ID 43-010-205407 Status Submitted on 2/17/2021 8:29 PM
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DOT Code/Fire Haz. Class	Common Name	Unit	Quantities			Annual Waste Amount	Federal Hazard Categories	Hazardous Components (For mixture only)		
			Max. Daily	Largest Cont.	Avg. Daily			Component Name	% Wt	EHS CAS No.
	WT-231 Flocculant	Gallons	60	5	40			petroleum distillate	40 %	64742-47-8
	<u>CAS No</u>	<u>State</u>	<u>Storage Container</u>		<u>Pressue</u>	<u>Waste Code</u>				
		Liquid	Aboveground Tank		Ambient					
		<u>Type</u>			<u>Temperature</u>					
		Mixture	Days on Site: 365		Ambient					
	WT-300 Coagulant	Gallons	165	55	165		- Health Skin			
	<u>CAS No</u>	<u>State</u>	<u>Storage Container</u>		<u>Pressue</u>	<u>Waste Code</u>	Corrosion			
		Liquid	Plastic/Non-metalic Drum		Ambient		Irritation			
		<u>Type</u>			<u>Temperature</u>					
		Mixture	Days on Site: 365		Ambient					
DOT: 8 - Corrosives (Liquids and Solids)	WT-430 Coagulant	Gallons	330	55	275		- Health Skin	aluminum sulfat	20 %	10043-01-3
Corrosive	<u>CAS No</u>	<u>State</u>	<u>Storage Container</u>		<u>Pressue</u>	<u>Waste Code</u>	Corrosion			
		Liquid	Plastic/Non-metalic Drum		Ambient		Irritation			
		<u>Type</u>			<u>Temperature</u>		- Health Serious			
		Mixture	Days on Site: 365		Ambient		Eye Damage Eye			
							Irritation			
DOT: 8 - Corrosives (Liquids and Solids)	WT-679 Precipitant	Gallons	440	55	275		- Health Acute	sodium hydrosulfide	20 %	16721-80-5
Corrosive	<u>CAS No</u>	<u>State</u>	<u>Storage Container</u>		<u>Pressue</u>	<u>Waste Code</u>	Toxicity			
		Liquid	Plastic/Non-metalic Drum		Ambient		- Health Skin			
		<u>Type</u>			<u>Temperature</u>		Corrosion			
		Mixture	Days on Site: 365		Ambient		Irritation			
							- Health Serious			
							Eye Damage Eye			
							Irritation			

ConfometRx

3070 Kenneth Street

Not CalARP Regulated

Approximately 0.07 mile from site

3/16/16 Haz Mat Inventory

Hazardous Materials And Wastes Inventory Matrix Report

CERS Business/Org. ConfometRx	Chemical Location	CERS ID 10456087
Facility Name ConfometRx		Facility ID 43-010-113261
3070 Kenneth St, Santa Clara 95054		Status Submitted on 3/16/2016 5:21 PM

DOT Code/Fire Haz. Class	Common Name	Unit	Quantities			Annual Waste Amount	Federal Hazard Categories	Hazardous Components (For mixture only)		
			Max. Daily	Largest Cont.	Avg. Daily			Component Name	% Wt	EHS
DOT: 8 - Corrosives (Liquids and Solids)	Acetic Acid	Gallons	0.001	0.5	0.001	0.5	- Acute Health - Chronic health			
Combustible Liquid, Class II, Corrosive	<u>CAS No</u> 64-19-7	<u>State</u> Liquid	<u>Storage Container</u> Glass Bottle or Jug		<u>Pressue</u>	<u>Waste Code</u>				
		<u>Type</u> Pure	<u>Temperature</u> Days on Site: 100							

Hazardous Materials And Wastes Inventory Matrix Report

CERS Business/Org. ConfometRx	Chemical Location <div style="border: 1px solid black; width: 100px; height: 20px; margin: 0 auto;"></div>	CERS ID 10456087
Facility Name ConfometRx 3070 Kenneth St, Santa Clara 95054		Facility ID 43-010-113261
		Status Submitted on 3/16/2016 5:21 PM

DOT Code/Fire Haz. Class	Common Name	Unit	Quantities			Annual Waste Amount	Federal Hazard Categories	Hazardous Components (For mixture only)		
			Max. Daily	Largest Cont.	Avg. Daily			Component Name	% Wt	EHS
DOT: 8 - Corrosives (Liquids and Solids) Corrosive	Imidazole <u>CAS No</u> 288-32-4	Pounds	0.01	2.2	0.002	1	- Acute Health			
		<u>State</u> Solid	<u>Storage Container</u> Plastic Bottle or Jug		<u>Pressue</u>	<u>Waste Code</u>				
		<u>Type</u> Pure			<u>Temperature</u>					

Hazardous Materials And Wastes Inventory Matrix Report

CERS Business/Org. ConfometRx	Chemical Location <div style="background-color: #cccccc; width: 100px; height: 15px; margin: 0 auto;"></div>	CERS ID 10456087
Facility Name ConfometRx 3070 Kenneth St, Santa Clara 95054		Facility ID 43-010-113261
		Status Submitted on 3/16/2016 5:21 PM

DOT Code/Fire Haz. Class	Common Name	Unit	Quantities			Annual Waste Amount	Federal Hazard Categories	Hazardous Components (For mixture only)		
			Max. Daily	Largest Cont.	Avg. Daily			Component Name	% Wt	EHS CAS No.
DOT: 8 - Corrosives (Liquids and Solids) Combustible Liquid, Class III-B, Toxic	2-mercapoethanol <u>CAS No</u> 60-24-2	Gallons	0.0001	0.001	0.0001	0.01	- Fire - Acute Health - Chronic health			
		<u>State</u> Liquid	<u>Storage Container</u> Glass Bottle or Jug		<u>Pressue</u> Ambient	<u>Waste Code</u>				
		<u>Type</u> Pure	Days on Site: 100		<u>Temperature</u> Ambient					
DOT: 3 - Flammable and Combustible Liquids Flammable Liquid, Class I-B	Ethyl Alcohol <u>CAS No</u> 64-17-5	Gallons	0.02	7	0.001	3	- Fire - Acute Health - Chronic health			
		<u>State</u> Liquid	<u>Storage Container</u> Steel Drum, Glass Bottle or Jug		<u>Pressue</u> Ambient	<u>Waste Code</u>				
		<u>Type</u> Pure	Days on Site: 200		<u>Temperature</u> Ambient					
DOT: 3 - Flammable and Combustible Liquids Flammable Liquid, Class I-B	Methanol <u>CAS No</u> 67-56-1	Gallons	0.02	1.5	0.001	1	- Fire - Acute Health			
		<u>State</u> Liquid	<u>Storage Container</u> Glass Bottle or Jug		<u>Pressue</u> Ambient	<u>Waste Code</u>				
		<u>Type</u> Pure	Days on Site: 200		<u>Temperature</u> Ambient					

Hazardous Materials And Wastes Inventory Matrix Report

CERS Business/Org. ConfometRx	Chemical Location	CERS ID 10456087
Facility Name ConfometRx 3070 Kenneth St, Santa Clara 95054	[REDACTED]	Facility ID 43-010-113261
		Status Submitted on 3/16/2016 5:21 PM

DOT Code/Fire Haz. Class	Common Name	Unit	Quantities			Annual Waste Amount	Federal Hazard Categories	Hazardous Components (For mixture only)		
			Max. Daily	Largest Cont.	Avg. Daily			Component Name	% Wt	EHS
DOT: 3 - Flammable and Combustible Liquids Flammable Liquid, Class I-B	Isopropyl Alcohol <u>CAS No</u> 67-63-0	Gallons	0.01	0.52	0.001	0.1	- Fire			
		<u>State</u> Liquid	<u>Storage Container</u> Glass Bottle or Jug		<u>Pressue</u> Ambient	<u>Waste Code</u>				
		<u>Type</u> Pure	Days on Site: 300		<u>Temperature</u> Ambient					

Hazardous Materials And Wastes Inventory Matrix Report

CERS Business/Org. ConfometRx	Chemical Location <div style="border: 1px solid black; width: 100px; height: 20px; margin: 0 auto;"></div>	CERS ID 10456087
Facility Name ConfometRx 3070 Kenneth St, Santa Clara 95054		Facility ID 43-010-113261
		Status Submitted on 3/16/2016 5:21 PM

DOT Code/Fire Haz. Class	Common Name	Unit	Quantities			Annual Waste Amount	Federal Hazard Categories	Hazardous Components (For mixture only)		
			Max. Daily	Largest Cont.	Avg. Daily			Component Name	% Wt	EHS
DOT: 8 - Corrosives (Liquids and Solids) Corrosive, Toxic, Water Reactive, Class 1	Sodium Hydroxide Solid <u>CAS No</u> 1310-73-2	Pounds <u>State</u> Solid <u>Type</u> Pure	0.001	2.2	0.001	0.5	- Reactive - Acute Health			
								<u>Storage Container</u> Plastic Bottle or Jug	<u>Pressure</u> Ambient	<u>Waste Code</u>
								<u>Temperature</u> Ambient		

Hazardous Materials And Wastes Inventory Matrix Report

CERS Business/Org. **ConfometRx**
 Facility Name **ConfometRx**
 3070 Kenneth St, Santa Clara 95054

Chemical Location

CERS ID **10456087**
 Facility ID **43-010-113261**
 Status **Submitted on 3/16/2016 5:21 PM**

DOT Code/Fire Haz. Class	Common Name	Unit	Quantities			Annual Waste Amount	Federal Hazard Categories	Hazardous Components (For mixture only)		
			Max. Daily	Largest Cont.	Avg. Daily			Component Name	% Wt	EHS CAS No.
DOT: 3 - Flammable and Combustible Liquids Flammable Liquid, Class I-B, Irritant	Acetone	Pounds	6.62	3.31	3.31		- Fire - Acute Health			
	CAS No <input checked="" type="checkbox"/> EHS 67-64-1	State Liquid	Storage Container Glass Bottle or Jug		Pressure Ambient	Waste Code				
		Type Pure	Days on Site: 365		Temperature Ambient					
Carcinogen	Formaldehyde	Pounds	1.1	1.1	0.5		- Acute Health - Chronic health			
	CAS No <input checked="" type="checkbox"/> EHS 50-00-0	State Liquid	Storage Container Plastic Bottle or Jug		Pressure Ambient	Waste Code				
		Type Pure	Days on Site: 365		Temperature Ambient					

Hazardous Materials And Wastes Inventory Matrix Report

CERS Business/Org. ConfometRx Facility Name ConfometRx 3070 Kenneth St, Santa Clara 95054	Chemical Location <div style="border: 1px solid black; height: 20px; width: 100%;"></div>	CERS ID 10456087 Facility ID 43-010-113261 Status Submitted on 3/16/2016 5:21 PM
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DOT Code/Fire Haz. Class	Common Name	Unit	Quantities			Annual Waste Amount	Federal Hazard Categories	Hazardous Components (For mixture only)		
			Max. Daily	Largest Cont.	Avg. Daily			Component Name	% Wt	EHS CAS No.
DOT: 2.1 - Flammable Gases	Liquefied Petroleum Gas (lpg)	Cu. Feet	243	121.5	200		- Fire			
Flammable Gas	<u>CAS No</u> 74-98-6	<u>State</u> Gas	<u>Storage Container</u> Tank Inside Building		<u>Pressue</u> > Ambient	<u>Waste Code</u>	- Pressure Release			
		<u>Type</u> Pure	Days on Site: 365		<u>Temperature</u> Ambient					

Hazardous Materials And Wastes Inventory Matrix Report

CERS Business/Org. ConfometRx	Chemical Location <div style="border: 1px solid black; height: 20px; width: 100%;"></div>	CERS ID 10456087
Facility Name ConfometRx		Facility ID 43-010-113261
3070 Kenneth St, Santa Clara 95054		Status Submitted on 3/16/2016 5:21 PM

DOT Code/Fire Haz. Class	Common Name	Unit	Quantities			Annual Waste Amount	Federal Hazard Categories	Hazardous Components (For mixture only)		
			Max. Daily	Largest Cont.	Avg. Daily			Component Name	% Wt	EHS
DOT: 6.1 - Toxic Substances Irritant, Other Health Hazard, Toxic, Unstable (Reactive), Class 2, 1	Acrylamide CAS No. <u>79-06-1</u> ✓ EHS	Pounds	10	1.1	5	Waste Code - Reactive - Acute Health - Chronic health				
		State Solid Type Pure	Storage Container Plastic Bottle or Jug Days on Site: 365		Pressure Ambient Temperature < Ambient					
	Sodium cacodylate CAS No. <u>124-65-2</u> ✓ EHS	Pounds	0.01102	0.01102	0.005512	Waste Code				
		State Solid Type Pure	Storage Container Glass Bottle or Jug Days on Site: 365		Pressure Ambient Temperature Ambient					

Hazardous Materials And Wastes Inventory Matrix Report

CERS Business/Org. ConfometRx	Chemical Location <div style="border: 1px solid black; height: 20px; width: 100%;"></div>	CERS ID 10456087
Facility Name ConfometRx 3070 Kenneth St, Santa Clara 95054		Facility ID 43-010-113261
		Status Submitted on 3/16/2016 5:21 PM

DOT Code/Fire Haz. Class	Common Name	Unit	Quantities			Annual Waste Amount	Federal Hazard Categories	Hazardous Components (For mixture only)		
			Max. Daily	Largest Cont.	Avg. Daily			Component Name	% Wt	EHS CAS No.
DOT: 2.2 - Nonflammable Gases	Nitrogen <small>CAS No 7727-37-9</small>	Cu. Feet	1524	762	762		- Fire - Reactive - Pressure Release - Acute Health - Chronic health			
		<small>State</small> Gas	<small>Storage Container</small> Tank Inside Building		<small>Pressue</small> > Ambient	<small>Waste Code</small>				
		<small>Type</small> Pure	Days on Site: 365		<small>Temperature</small> Ambient					
DOT: 2.2 - Nonflammable Gases	Nitrogen, Liquid <small>CAS No 7727-37-9</small>	Gallons	42.3	42.3	21		- Pressure Release - Acute Health			
Cryogen		<small>State</small> Liquid	<small>Storage Container</small> Aboveground Tank		<small>Pressue</small> > Ambient	<small>Waste Code</small>				
		<small>Type</small> Pure	Days on Site: 365		<small>Temperature</small> Cryogenic					

Hazardous Materials And Wastes Inventory Matrix Report

CERS Business/Org. ConfometRx	Chemical Location	CERS ID 10456087
Facility Name ConfometRx	[REDACTED]	Facility ID 43-010-113261
3070 Kenneth St, Santa Clara 95054		Status Submitted on 3/16/2016 5:21 PM

DOT Code/Fire Haz. Class	Common Name	Unit	Quantities			Annual Waste Amount	Federal Hazard Categories	Hazardous Components (For mixture only)		
			Max. Daily	Largest Cont.	Avg. Daily			Component Name	% Wt	EHS
DOT: 6.1 - Toxic Substances	Sodium Azide	Pounds	4.4	2.2	2.2		- Reactive			
Highly Toxic, Unstable (Reactive), Class 3, Other Health Hazard	CAS No. <input type="checkbox"/> EHS 26628-22-8	State Solid	Storage Container Glass Bottle or Jug		Pressure Ambient	Waste Code	- Acute Health - Chronic health			
		Type Pure			Temperature Ambient					
DOT: 8 - Corrosives (Liquids and Solids)	Sulfuric Acid	Pounds	2.2	1.1	1.1		- Reactive - Acute Health			
Corrosive, Water Reactive, Class 2, Toxic, Oxidizing, Class 1	CAS No. <input checked="" type="checkbox"/> EHS 7664-93-9	State Liquid	Storage Container Glass Bottle or Jug		Pressure Ambient	Waste Code				
		Type Pure	Days on Site: 365		Temperature Ambient					

Silicon Valley Power

2960 Lafayette Street

Not CalARP Regulated

Approximately 0.40 mile from site

9/10/20 Haz Mat Inventory

Hazardous Materials And Wastes Inventory Matrix Report

CERS Business/Org. City of Santa Clara dba Silicon Valley Power Facility Name Lafayette Substation 2960 Lafayette St, Santa Clara 95054	Chemical Location <div style="border: 1px solid black; width: 100px; height: 20px; margin: 0 auto;"></div>	CERS ID 10689172 Facility ID 43-010-090201 Status Submitted on 9/10/2020 2:24 PM
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DOT Code/Fire Haz. Class	Common Name	Unit	Quantities			Annual Waste Amount	Federal Hazard Categories	Hazardous Components (For mixture only)		
			Max. Daily	Largest Cont.	Avg. Daily			Component Name	% Wt	EHS CAS No.
	lead battery	Gallons	120	5	120	0	- Physical	sulfuric acid		7664-93-9
	<u>CAS No</u>	<u>State</u>	<u>Storage Container</u>		<u>Pressue</u>	<u>Waste Code</u>	Corrosive To	lead compounds		7439-92-1
		<u>Liquid</u>	<u>Other</u>		<u>Ambient</u>		Metal			
		<u>Type</u>			<u>Temperature</u>		- Health Skin			
		<u>Pure</u>	Days on Site: 365		<u>Ambient</u>		Corrosion			
							Irritation			
							- Health Serious			
							Eye Damage Eye			
							Irritation			

Hazardous Materials And Wastes Inventory Matrix Report

CERS Business/Org. City of Santa Clara dba Silicon Valley Power Facility Name Lafayette Substation 2960 Lafayette St, Santa Clara 95054	Chemical Location <div style="border: 1px solid black; height: 20px; width: 100%;"></div>	CERS ID 10689172 Facility ID 43-010-090201 Status Submitted on 9/10/2020 2:24 PM
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DOT Code/Fire Haz. Class	Common Name	Unit	Quantities			Annual Waste Amount	Federal Hazard Categories	Hazardous Components (For mixture only)		
			Max. Daily	Largest Cont.	Avg. Daily			Component Name	% Wt	EHS CAS No.
	Mineral Oil	Gallons	17675	6075	17675		- Physical Flammable - Health Aspiration Hazard			
	<u>CAS No</u> 8012-95-1	<u>State</u> Liquid	<u>Storage Container</u> Other		<u>Pressue</u> Ambient	<u>Waste Code</u>				
		<u>Type</u> Pure	Days on Site: 365		<u>Temperature</u> Ambient					

**Donald Von Raesfeld Power Plant -
Gas Comp.**

2965 Lafayette St.

CalARP Regulated

Approximately 0.48 mile from site

8/5/20 Haz. Mat. Inventory

Hazardous Materials And Wastes Inventory Matrix Report

CERS Business/Org. City of Santa Clara dba Silicon Valley Power Facility Name Donald Von Raesfeld Power Plant-Gas Comp. Building 2965 Lafayette Street, Santa Clara 95054	Chemical Location <div style="border: 1px solid black; height: 20px; width: 100%;"></div>	CERS ID 10089160 Facility ID 43-010-104791 Status Submitted on 8/5/2020 9:24 AM
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DOT Code/Fire Haz. Class	Common Name	Unit	Quantities			Annual Waste Amount	Federal Hazard Categories	Hazardous Components (For mixture only)		
			Max. Daily	Largest Cont.	Avg. Daily			Component Name	% Wt	EHS CAS No.
DOT: 2.1 - Flammable Gases	COMPRESSED NATURAL GAS	Cu. Feet	15000	15000	15000	800	- Physical	BUTANE	2 %	106-97-8
Flammable Gas	<u>CAS No</u>	<u>State</u>	<u>Storage Container</u>		<u>Pressue</u>	<u>Waste Code</u>	Flammable	ethane	5 %	74-84-0
		Gas	Other		< Ambient		- Physical Gas	METHANE	75 %	74-82-8
		<u>Type</u>			<u>Temperature</u>		Under Pressure	NITROGEN	15 %	7727-37-9
		Mixture	Days on Site: 365		Ambient		- Physical	PROPANE	3 %	74-98-6
							Explosive			
DOT: 3 - Flammable and Combustible Liquids	NATURAL GAS CONDENSATE	Gallons	500	1000	300	800	- Physical			
Combustible Liquid, Class III-B	<u>CAS No</u>	<u>State</u>	<u>Storage Container</u>		<u>Pressue</u>	<u>Waste Code</u>	Flammable			
		Solid	Belowground Tank		Ambient					
		<u>Type</u>			<u>Temperature</u>					
		Waste	Days on Site: 365		Ambient					
DOT: 3 - Flammable and Combustible Liquids	TURBINE OIL	Gallons	275	55	200		- Physical			
	<u>CAS No</u>	<u>State</u>	<u>Storage Container</u>		<u>Pressue</u>	<u>Waste Code</u>	Flammable			
	8012-95-1	Liquid	Steel Drum		Ambient					
		<u>Type</u>			<u>Temperature</u>					
		Pure	Days on Site: 365		Ambient					

Silicon Valley Power

2970 Lafayette Street

Not CalARP Regulated

Approximately 0.40 mile from site

9/10/20 Haz Mat Inventory

Hazardous Materials And Wastes Inventory Matrix Report

CERS Business/Org. City of Santa Clara dba Silicon Valley Power Facility Name Kifer Receiving Station 2970 Lafayette St, Santa Clara 95054	Chemical Location <div style="border: 1px solid black; height: 20px; width: 100%;"></div>	CERS ID 10689169 Facility ID 43-010-090046 Status Submitted on 9/10/2020 2:15 PM
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DOT Code/Fire Haz. Class	Common Name	Unit	Quantities			Annual Waste Amount	Federal Hazard Categories	Hazardous Components (For mixture only)		
			Max. Daily	Largest Cont.	Avg. Daily			Component Name	% Wt	EHS CAS No.
	Mineral Oil	Gallons	216588	10893	216588		- Physical			
	<u>CAS No</u> 8012-95-1	<u>State</u> Liquid	<u>Storage Container</u> Other		<u>Pressue</u> < Ambient	<u>Waste Code</u>	Flammable			
		<u>Type</u> Pure	Days on Site: 365		<u>Temperature</u> Ambient		- Health Aspiration Hazard			

Air Products & Chemicals, Inc. – Warehouse

1375 Norman Avenue

Not CalARP Regulated

Approximately 0.40 mile from site

3/2/21 Haz Mat Inventory

Hazardous Materials And Wastes Inventory Matrix Report

CERS Business/Org.	Air Products and Chemicals, Inc.	Chemical Location	CERS ID 10088797
Facility Name	Air Products and Chemicals, Inc. Warehouse	<div style="background-color: #cccccc; width: 100px; height: 15px;"></div>	Facility ID 43-010-066922
	1375 Norman Ave., Santa Clara, CA 95054		Status Submitted on 3/2/2021 2:51 PM

DOT Code/Fire Haz. Class	Common Name	Unit	Quantities			Annual Waste Amount	Federal Hazard Categories	Hazardous Components (For mixture only)		
			Max. Daily	Largest Cont.	Avg. Daily			Component Name	% Wt	EHS
DOT: 2.2 - Nonflammable Gases	Nitrogen, Liquid	Gallons	1525	61	61		- Physical Gas Under Pressure - Health Simple Asphyxiant			
	CAS No 7727-37-9	State Liquid	Storage Container Other		Pressue > Ambient	Waste Code				
		Type Pure	Days on Site: 365		Temperature < Ambient					

Hazardous Materials And Wastes Inventory Matrix Report

CERS Business/Org.	Air Products and Chemicals, Inc.	Chemical Location	CERS ID 10088797
Facility Name	Air Products and Chemicals, Inc. Warehouse	<div style="border: 1px solid black; width: 50px; height: 15px; margin: 0 auto;"></div>	Facility ID 43-010-066922
	1375 Norman Ave., Santa Clara, CA 95054		Status Submitted on 3/2/2021 2:51 PM

DOT Code/Fire Haz. Class	Common Name	Unit	Quantities			Annual Waste Amount	Federal Hazard Categories	Hazardous Components (For mixture only)		
			Max. Daily	Largest Cont.	Avg. Daily			Component Name	% Wt	EHS CAS No.
DOT: 2.1 - Flammable Gases	BYH Hydrogen Gas (Bulk Hydrogen)	Pounds	2000	2000	2000		- Physical			
Flammable Gas	<u>CAS No</u> 1333-74-0	<u>State</u> Gas	<u>Storage Container</u> Other		<u>Pressue</u> > Ambient	<u>Waste Code</u>	Flammable			
		<u>Type</u> Pure	Days on Site: 365		<u>Temperature</u> Ambient		- Physical Gas			
							Under Pressure			
DOT: 2.1 - Flammable Gases	LYH Hydrogen (Liquid Hydrogen)	Pounds	6500	6500	6500		- Physical			
Flammable Gas, Cryogen	<u>CAS No</u> 1333-74-0	<u>State</u> Liquid	<u>Storage Container</u> Other		<u>Pressue</u> > Ambient	<u>Waste Code</u>	Flammable			
		<u>Type</u> Pure	Days on Site: 365		<u>Temperature</u> < Ambient		- Physical Gas			
							Under Pressure			

Hazardous Materials And Wastes Inventory Matrix Report

CERS Business/Org.	Air Products and Chemicals, Inc.	Chemical Location	<input style="width: 90%;" type="text"/>	CERS ID	10088797
Facility Name	Air Products and Chemicals, Inc. Warehouse			Facility ID	43-010-066922
	1375 Norman Ave., Santa Clara, CA 95054			Status	Submitted on 3/2/2021 2:51 PM

DOT Code/Fire Haz. Class	Common Name	Unit	Quantities			Annual Waste Amount	Federal Hazard Categories	Hazardous Components (For mixture only)		
			Max. Daily	Largest Cont.	Avg. Daily			Component Name	% Wt	EHS
DOT: 2.2 - Nonflammable Gases	Nitrogen, Liquid - Trailer	Gallons	14000	7000	7000		- Physical Gas			
Cryogen	CAS No 7727-37-9	State Liquid	Storage Container Other		Pressue < Ambient	Waste Code	Under Pressure			
		Type Pure	Days on Site: 365		Temperature Cryogenic					

Air Products & Chemicals, Inc.

1515 Norman Avenue

Not CalARP Regulated

Approximately 0.40 mile from site

6/21/21 Haz Mat Inventory

Hazardous Materials And Wastes Inventory Matrix Report

CERS Business/Org. Air Products and Chemicals, Inc. Facility Name AIR PRODUCTS & CHEMICALS, INC 1515 Norman Avenue, Santa Clara 95054	Chemical Location	CERS ID 10085338 Facility ID 43-010-006862 Status Submitted on 6/21/2021 3:28 PM
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DOT Code/Fire Haz. Class	Common Name	Unit	Quantities			Annual Waste Amount	Federal Hazard Categories	Hazardous Components (For mixture only)		
			Max. Daily	Largest Cont.	Avg. Daily			Component Name	% Wt	EHS
DOT: 2.2 - Nonflammable Gases	Argon Compressed	Cu. Feet	10080	336	8064		- Physical Gas Under Pressure - Health Simple Asphyxiant			
	<u>CAS No</u> 7440-37-1	<u>State</u> Gas	<u>Storage Container</u> Cylinder		<u>Pressue</u> > Ambient	<u>Waste Code</u>				
		<u>Type</u> Pure	Days on Site: 365		<u>Temperature</u> Ambient					

Hazardous Materials And Wastes Inventory Matrix Report

CERS Business/Org. Air Products and Chemicals, Inc. Facility Name AIR PRODUCTS & CHEMICALS, INC 1515 Norman Avenue, Santa Clara 95054	Chemical Location <div style="background-color: #cccccc; height: 20px; width: 100%;"></div>	CERS ID 10085338 Facility ID 43-010-006862 Status Submitted on 6/21/2021 3:28 PM
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DOT Code/Fire Haz. Class	Common Name	Unit	Quantities			Annual Waste Amount	Federal Hazard Categories	Hazardous Components (For mixture only)		
			Max. Daily	Largest Cont.	Avg. Daily			Component Name	% Wt	EHS
DOT: 2.2 - Nonflammable Gases	Argon, Liquid	Gallons	59544	13334	54894		- Physical Gas Under Pressure - Health Simple Asphyxiant			
	<u>CAS No</u> 7440-37-1	<u>State</u> Gas	<u>Storage Container</u> Aboveground Tank		<u>Pressue</u> > Ambient	<u>Waste Code</u>				
		<u>Type</u> Pure	Days on Site: 365		<u>Temperature</u> Cryogenic					

Hazardous Materials And Wastes Inventory Matrix Report

CERS Business/Org. Air Products and Chemicals, Inc. Facility Name AIR PRODUCTS & CHEMICALS, INC 1515 Norman Avenue, Santa Clara 95054	Chemical Location <div style="background-color: #cccccc; height: 20px; width: 100%;"></div>	CERS ID 10085338 Facility ID 43-010-006862 Status Submitted on 6/21/2021 3:28 PM
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DOT Code/Fire Haz. Class	Common Name	Unit	Quantities			Annual Waste Amount	Federal Hazard Categories	Hazardous Components (For mixture only)		
			Max. Daily	Largest Cont.	Avg. Daily			Component Name	% Wt	EHS CAS No.
DOT: 2.2 - Nonflammable Gases	NITROGEN	Cu. Feet	20296	344	14448		- Physical Gas Under Pressure - Health Simple Asphyxiant			
	<u>CAS No</u> 7727-37-9	<u>State</u> Gas	<u>Storage Container</u> Cylinder		<u>Pressue</u> > Ambient	<u>Waste Code</u>				
		<u>Type</u> Pure	Days on Site: 365		<u>Temperature</u> Ambient					

Hazardous Materials And Wastes Inventory Matrix Report

CERS Business/Org. Air Products and Chemicals, Inc. Facility Name AIR PRODUCTS & CHEMICALS, INC 1515 Norman Avenue, Santa Clara 95054	Chemical Location <div style="background-color: #cccccc; height: 20px; width: 100%;"></div>	CERS ID 10085338 Facility ID 43-010-006862 Status Submitted on 6/21/2021 3:28 PM
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DOT Code/Fire Haz. Class	Common Name	Unit	Quantities			Annual Waste Amount	Federal Hazard Categories	Hazardous Components (For mixture only)		
			Max. Daily	Largest Cont.	Avg. Daily			Component Name	% Wt	EHS CAS No.
DOT: 2.2 - Nonflammable Gases	HELIUM	Cu. Feet	7275	291	4947		- Physical Gas Under Pressure			
	<u>CAS No</u> 7440-59-7	<u>State</u> Gas	<u>Storage Container</u> Cylinder		<u>Pressue</u> > Ambient	<u>Waste Code</u>				
		<u>Type</u> Pure	Days on Site: 365		<u>Temperature</u> < Ambient					

Hazardous Materials And Wastes Inventory Matrix Report

CERS Business/Org. Air Products and Chemicals, Inc. Facility Name AIR PRODUCTS & CHEMICALS, INC 1515 Norman Avenue, Santa Clara 95054	Chemical Location <div style="background-color: #cccccc; height: 20px; width: 100%;"></div>	CERS ID 10085338 Facility ID 43-010-006862 Status Submitted on 6/21/2021 3:28 PM
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DOT Code/Fire Haz. Class	Common Name	Unit	Quantities			Annual Waste Amount	Federal Hazard Categories	Hazardous Components (For mixture only)		
			Max. Daily	Largest Cont.	Avg. Daily			Component Name	% Wt	EHS
DOT: 2.1 - Flammable Gases	LIQUEFIED PETROLEUM GAS	Cu. Feet	1520	290	940		- Physical			
Flammable Gas	<u>CAS No</u> 68476-85-7	<u>State</u> Gas	<u>Storage Container</u> Cylinder		<u>Pressue</u> > Ambient	<u>Waste Code</u>	Flammable			
		<u>Type</u> Pure	Days on Site: 365		<u>Temperature</u> Ambient		- Physical Gas			
							Under Pressure			
							- Health Simple			
							Asphyxiant			

Hazardous Materials And Wastes Inventory Matrix Report

CERS Business/Org. Air Products and Chemicals, Inc.	Chemical Location	CERS ID 10085338
Facility Name AIR PRODUCTS & CHEMICALS, INC 1515 Norman Avenue, Santa Clara 95054		Facility ID 43-010-006862
		Status Submitted on 6/21/2021 3:28 PM

DOT Code/Fire Haz. Class	Common Name	Unit	Quantities			Annual Waste Amount	Federal Hazard Categories	Hazardous Components (For mixture only)		
			Max. Daily	Largest Cont.	Avg. Daily			Component Name	% Wt	EHS CAS No.
DOT: 2.1 - Flammable Gases	ACETYLENE	Cu. Feet	740	185	555		- Physical Flammable - Physical Gas Under Pressure			
	<u>CAS No</u> 74-86-2	<u>State</u> Gas	<u>Storage Container</u> Cylinder		<u>Pressue</u> > Ambient	<u>Waste Code</u>				
		<u>Type</u> Pure	Days on Site: 365		<u>Temperature</u> Ambient					

Hazardous Materials And Wastes Inventory Matrix Report

CERS Business/Org. Air Products and Chemicals, Inc. Facility Name AIR PRODUCTS & CHEMICALS, INC 1515 Norman Avenue, Santa Clara 95054	Chemical Location [REDACTED]	CERS ID 10085338 Facility ID 43-010-006862 Status Submitted on 6/21/2021 3:28 PM
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DOT Code/Fire Haz. Class	Common Name	Unit	Quantities			Annual Waste Amount	Federal Hazard Categories	Hazardous Components (For mixture only)		
			Max. Daily	Largest Cont.	Avg. Daily			Component Name	% Wt	EHS CAS No.
DOT: 5.1 - Oxidizing Substances	OXYGEN	Cu. Feet	15165	337	11795		- Physical Gas Under Pressure - Physical Oxidizer			
	<u>CAS No</u> 7782-44-7	<u>State</u> Gas	<u>Storage Container</u> Cylinder		<u>Pressue</u> > Ambient	<u>Waste Code</u>				
		<u>Type</u> Pure	Days on Site: 365		<u>Temperature</u> Ambient					

Hazardous Materials And Wastes Inventory Matrix Report

CERS Business/Org. Air Products and Chemicals, Inc. Facility Name AIR PRODUCTS & CHEMICALS, INC 1515 Norman Avenue, Santa Clara 95054	Chemical Location <div style="background-color: #cccccc; height: 20px; width: 100%;"></div>	CERS ID 10085338 Facility ID 43-010-006862 Status Submitted on 6/21/2021 3:28 PM
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DOT Code/Fire Haz. Class	Common Name	Unit	Quantities			Annual Waste Amount	Federal Hazard Categories	Hazardous Components (For mixture only)		
			Max. Daily	Largest Cont.	Avg. Daily			Component Name	% Wt	EHS
DOT: 5.1 - Oxidizing Substances	OXYGEN, LIQUID	Gallons	32000	11300	25000		- Physical Gas			
Cryogen, Oxidizing Gas, Liquified	CAS No 7782-44-7	State Liquid	Storage Container Aboveground Tank		Pressue < Ambient	Waste Code	Under Pressure			
		Type Pure	Days on Site: 365		Temperature Cryogenic		- Physical Oxidizer			

Hazardous Materials And Wastes Inventory Matrix Report

CERS Business/Org. Air Products and Chemicals, Inc. Facility Name AIR PRODUCTS & CHEMICALS, INC 1515 Norman Avenue, Santa Clara 95054	Chemical Location <div style="border: 1px solid black; height: 20px; width: 100%;"></div>	CERS ID 10085338 Facility ID 43-010-006862 Status Submitted on 6/21/2021 3:28 PM
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DOT Code/Fire Haz. Class	Common Name	Unit	Quantities			Annual Waste Amount	Federal Hazard Categories	Hazardous Components (For mixture only)		
			Max. Daily	Largest Cont.	Avg. Daily			Component Name	% Wt	EHS CAS No.
DOT: 8 - Corrosives (Liquids and Solids) Corrosive	GENGARD 7202	Gallons	850	850	500	- Physical	Chlorotolyltriazole sodium salt	10 %	202420-04-0	
	<u>CAS No</u>	<u>State</u>	<u>Storage Container</u>	<u>Pressue</u>	<u>Waste Code</u>	Corrosive To Metal	Sodium hydroxide	10 %	1310-73-2	
		<u>Liquid</u>	Aboveground Tank	Ambient		- Health Skin	Water	80 %		
		<u>Type</u>	Mixture	Days on Site: 365	Ambient	Corrosion				
						Irritation				
						- Health Serious				
						Eye Damage Eye				
						Irritation				
						- Health Specific				
						Target Organ				
						Toxicity				
DOT: 8 - Corrosives (Liquids and Solids) Corrosive	GN7300	Gallons	110	55	55	- Physical	Phosphoric Acid	80 %	7664-38-2	
	<u>CAS No</u>	<u>State</u>	<u>Storage Container</u>	<u>Pressue</u>	<u>Waste Code</u>	Corrosive To Metal	Water	20 %		
		<u>Liquid</u>	Plastic/Non-metalic Drum	Ambient		- Health Skin				
		<u>Type</u>	Mixture	Days on Site: 365	Ambient	Corrosion				
						Irritation				
						- Health Serious				
						Eye Damage Eye				
						Irritation				
						- Health Specific				
						Target Organ				
						Toxicity				
DOT: 8 - Corrosives (Liquids and Solids) Corrosive, Oxidizing, Class 2	SODIUM HYPOCHLORITE, 12 %	Gallons	700	700	350	- Physical				
	<u>CAS No</u>	<u>State</u>	<u>Storage Container</u>	<u>Pressue</u>	<u>Waste Code</u>	Corrosive To Metal				
	7681-52-9	<u>Liquid</u>	Aboveground Tank	Ambient		- Health Acute				
		<u>Type</u>	Pure	Days on Site: 365	Ambient	Toxicity				
						- Health Skin				
						Corrosion				
						Irritation				
						- Health				
						Respiratory Skin				
						Sensitization				
						- Health Serious				
						Eye Damage Eye				
						Irritation				
						- Health Specific				
						Target Organ				
						Toxicity				
DOT: 9 - Misc. Hazardous Materials	Spectrus BD1500	Gallons	800	400	400	- Physical Hazard				
	<u>CAS No</u>	<u>State</u>	<u>Storage Container</u>	<u>Pressue</u>	<u>Waste Code</u>	Not Otherwise Classified				
		<u>Liquid</u>	Tote Bin	Ambient		- Health Hazard				
		<u>Type</u>	Mixture	Days on Site: 365	Ambient	Not Otherwise Classified				

Hazardous Materials And Wastes Inventory Matrix Report

CERS Business/Org. Air Products and Chemicals, Inc. Facility Name AIR PRODUCTS & CHEMICALS, INC 1515 Norman Avenue, Santa Clara 95054	Chemical Location <div style="border: 1px solid black; height: 20px; width: 100%;"></div>	CERS ID 10085338 Facility ID 43-010-006862 Status Submitted on 6/21/2021 3:28 PM
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DOT Code/Fire Haz. Class	Common Name	Unit	Quantities			Annual Waste Amount	Federal Hazard Categories	Hazardous Components (For mixture only)		
			Max. Daily	Largest Cont.	Avg. Daily			Component Name	% Wt	EHS CAS No.
DOT: 6.1 - Toxic Substances Corrosive	Spectrus NX100	Gallons	165	55	110		- Physical	2-Bromo-2-nitropropane-1,3-diol (Bronopol)	10 %	52-51-7
	<u>CAS No</u>	<u>State</u>	<u>Storage Container</u>	<u>Pressue</u>	<u>Waste Code</u>		Corrosive To Metal	Magnesium nitrate	10 %	10377-60-3
		<u>Liquid</u>	Plastic/Non-metalic Drum	<u>Ambient</u>			- Health Acute Toxicity	Mixture of: 5-chloro-2-methyl-4-isothiazolin-3-	10 %	55965-84-9
		<u>Type</u>	Days on Site: 365	<u>Temperature</u>			- Health Skin Corrosion	Magnesium chloride	3 %	7786-30-3
		<u>Mixture</u>		<u>Ambient</u>			Irritation	Water	68 %	
							- Health Respiratory Skin Sensitization			
							- Health Serious Eye Damage Eye Irritation			
							- Health Specific Target Organ Toxicity			
DOT: 8 - Corrosives (Liquids and Solids) Corrosive	Spectrus NX1100	Gallons	110	55	55		- Physical	2-Bromo-2Nitropropane-1,3-Diol	10 %	52-51-7
	<u>CAS No</u>	<u>State</u>	<u>Storage Container</u>	<u>Pressue</u>	<u>Waste Code</u>		Corrosive To Metal	Magnesium Nitrate	10 %	10377-60-3
		<u>Liquid</u>	Plastic/Non-metalic Drum	<u>Ambient</u>			- Health Acute Toxicity	Mix 5-Chloro-2Methyl-Isothiazolin, 3-one	10 %	55965-84-9
		<u>Type</u>	Days on Site: 365	<u>Temperature</u>			- Health Skin Corrosion	Magnesium Chloride	3 %	7786-30-3
		<u>Mixture</u>		<u>Ambient</u>			Irritation	Water	68 %	7732-18-5
							- Health Respiratory Skin Sensitization			
							- Health Serious Eye Damage Eye Irritation			
							- Health Specific Target Organ Toxicity			

Hazardous Materials And Wastes Inventory Matrix Report

CERS Business/Org. Air Products and Chemicals, Inc. Facility Name AIR PRODUCTS & CHEMICALS, INC 1515 Norman Avenue, Santa Clara 95054	Chemical Location <div style="border: 1px solid black; width: 150px; height: 20px; margin: 0 auto;"></div>	CERS ID 10085338 Facility ID 43-010-006862 Status Submitted on 6/21/2021 3:28 PM
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DOT Code/Fire Haz. Class	Common Name	Unit	Quantities			Annual Waste Amount	Federal Hazard Categories	Hazardous Components (For mixture only)		
			Max. Daily	Largest Cont.	Avg. Daily			Component Name	% Wt	EHS CAS No.
DOT: 8 - Corrosives (Liquids and Solids)	SULFURIC ACID 50-91%	Pounds	13688	13688	10000		- Physical	Sulfuric Acid	96 %	✓ 7644-93-9
Corrosive, Water Reactive, Class 1, Toxic	CAS No. <input type="checkbox"/> EHS <input checked="" type="checkbox"/>	State	Storage Container		Pressure		Corrosive To			
		Liquid	Aboveground Tank		Ambient	Waste Code	Metal			
		Type			Temperature	791	- Health Skin			
		Mixture	Days on Site: 365		Ambient		Corrosion			
							Irritation			
							- Health			
							Respiratory Skin			
							Sensitization			
							- Health Serious			
							Eye Damage Eye			
							Irritation			
							- Health			
							Aspiration Hazard			

Hazardous Materials And Wastes Inventory Matrix Report

CERS Business/Org. Air Products and Chemicals, Inc. Facility Name AIR PRODUCTS & CHEMICALS, INC 1515 Norman Avenue, Santa Clara 95054	Chemical Location [REDACTED]	CERS ID 10085338 Facility ID 43-010-006862 Status Submitted on 6/21/2021 3:28 PM
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DOT Code/Fire Haz. Class	Common Name	Unit	Quantities			Annual Waste Amount	Federal Hazard Categories	Hazardous Components (For mixture only)		
			Max. Daily	Largest Cont.	Avg. Daily			Component Name	% Wt	EHS
DOT: 2.1 - Flammable Gases	HYDROGEN	Cu. Feet	4896	288	3744		- Physical Flammable - Physical Gas Under Pressure			
	<u>CAS No</u> 1333-74-0	<u>State</u> Gas	<u>Storage Container</u> Cylinder		<u>Pressue</u> > Ambient	<u>Waste Code</u>				
		<u>Type</u> Pure	Days on Site: 365		<u>Temperature</u> Ambient					

Hazardous Materials And Wastes Inventory Matrix Report

CERS Business/Org. Air Products and Chemicals, Inc. Facility Name AIR PRODUCTS & CHEMICALS, INC 1515 Norman Avenue, Santa Clara 95054	Chemical Location <div style="background-color: #cccccc; height: 20px; width: 100%;"></div>	CERS ID 10085338 Facility ID 43-010-006862 Status Submitted on 6/21/2021 3:28 PM
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DOT Code/Fire Haz. Class	Common Name	Unit	Quantities			Annual Waste Amount	Federal Hazard Categories	Hazardous Components (For mixture only)		
			Max. Daily	Largest Cont.	Avg. Daily			Component Name	% Wt	EHS CAS No.
DOT: 2.2 - Nonflammable Gases	NITROGEN, LIQUID	Gallons	1157390	531679	930280		- Physical Gas Under Pressure - Health Simple Asphyxiant			
	<u>CAS No</u> 7727-37-9	<u>State</u> Liquid	<u>Storage Container</u> Aboveground Tank		<u>Pressue</u> < Ambient	<u>Waste Code</u>				
		<u>Type</u> Pure	Days on Site: 365		<u>Temperature</u> Cryogenic					

Hazardous Materials And Wastes Inventory Matrix Report

CERS Business/Org. Air Products and Chemicals, Inc.	Chemical Location <div style="border: 1px solid black; height: 20px; width: 100%;"></div>	CERS ID 10085338
Facility Name AIR PRODUCTS & CHEMICALS, INC 1515 Norman Avenue, Santa Clara 95054		Facility ID 43-010-006862
		Status Submitted on 6/21/2021 3:28 PM

DOT Code/Fire Haz. Class	Common Name	Unit	Quantities			Annual Waste Amount	Federal Hazard Categories	Hazardous Components (For mixture only)		
			Max. Daily	Largest Cont.	Avg. Daily			Component Name	% Wt	EHS CAS No.
DOT: 3 - Flammable and Combustible Liquids	New Oil for Compressors	Gallons	660	55	550		- Physical Flammable			
	<u>CAS No</u> 8012-95-1	<u>State</u> Liquid	<u>Storage Container</u> Steel Drum		<u>Pressue</u> Ambient	<u>Waste Code</u>	- Physical Hazard Not Otherwise Classified			
		<u>Type</u> Pure	Days on Site: 365		<u>Temperature</u> Ambient		- Health Hazard Not Otherwise Classified			

Hazardous Materials And Wastes Inventory Matrix Report

CERS Business/Org. Air Products and Chemicals, Inc. Facility Name AIR PRODUCTS & CHEMICALS, INC 1515 Norman Avenue, Santa Clara 95054	Chemical Location <div style="border: 1px solid black; width: 100px; height: 20px; margin: 0 auto;"></div>	CERS ID 10085338 Facility ID 43-010-006862 Status Submitted on 6/21/2021 3:28 PM
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DOT Code/Fire Haz. Class	Common Name	Unit	Quantities			Annual Waste Amount	Federal Hazard Categories	Hazardous Components (For mixture only)		
			Max. Daily	Largest Cont.	Avg. Daily			Component Name	% Wt	EHS CAS No.
DOT: 3 - Flammable and Combustible Liquids	DIESEL	Gallons	2000	10000	6000	- Physical	FUELS, DIESEL, NO. 2	100 %		
	<u>CAS No</u> 68334-30-5	<u>State</u> Liquid	<u>Storage Container</u> Belowground Tank		<u>Pressue</u> Ambient	<u>Waste Code</u>	Flammable - Health GAS OIL, LIGHT	0 %	64741-44-2	
Combustible Liquid, Class II		<u>Type</u> Mixture	Days on Site: 365		<u>Temperature</u> Ambient	Carcinogenicity - Health Reproductive Toxicity - Health Skin Corrosion Irritation - Health Serious Eye Damage Eye Irritation - Health Specific Target Organ Toxicity - Health Aspiration Hazard	HYDRODESULFURIZED MIDDLE DISTILLATE	0 %	64742-80-9	
DOT: 9 - Misc. Hazardous Materials	Diesel Exhaust Fuel (DEF) - Urea	Gallons	600	500	500	- Physical Hazard	Urea	20 %	57-13-6	
	<u>CAS No</u>	<u>State</u> Liquid	<u>Storage Container</u> Plastic/Non-metalic Drum, Tote		<u>Pressue</u> Ambient	<u>Waste Code</u>	Not Otherwise Classified - Health Skin	Water	80 %	7732-18-5
		<u>Type</u> Mixture	Days on Site: 365		<u>Temperature</u> Ambient	Corrosion Irritation				

Hazardous Materials And Wastes Inventory Matrix Report

CERS Business/Org. Air Products and Chemicals, Inc. Facility Name AIR PRODUCTS & CHEMICALS, INC 1515 Norman Avenue, Santa Clara 95054	Chemical Location <div style="border: 1px solid black; width: 100px; height: 20px; margin: 0 auto;"></div>	CERS ID 10085338 Facility ID 43-010-006862 Status Submitted on 6/21/2021 3:28 PM
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DOT Code/Fire Haz. Class	Common Name	Unit	Quantities			Annual Waste Amount	Federal Hazard Categories	Hazardous Components (For mixture only)		
			Max. Daily	Largest Cont.	Avg. Daily			Component Name	% Wt	EHS CAS No.
DOT: 3 - Flammable and Combustible Liquids	PETROLEUM LUBE OIL	Gallons	550	55	330		- Physical Flammable			
	<u>CAS No</u> 64742-65-0	<u>State</u> Liquid	<u>Storage Container</u> Steel Drum		<u>Pressue</u> Ambient	<u>Waste Code</u>	- Physical Hazard Not Otherwise Classified			
		<u>Type</u> Mixture	Days on Site: 365		<u>Temperature</u> Ambient		- Health Hazard Not Otherwise Classified			
DOT: 9 - Misc. Hazardous Materials	WASTE ETHYLENE GLYCOL LIQUID	Gallons	55	55	25	25	- Physical Hazard Not Otherwise Classified			
	<u>CAS No</u> 107-21-1	<u>State</u> Liquid	<u>Storage Container</u> Steel Drum		<u>Pressue</u> Ambient	<u>Waste Code</u> 134	- Health Reproductive Toxicity			
		<u>Type</u> Waste	Days on Site: 365		<u>Temperature</u> Ambient		- Health Specific Target Organ Toxicity			
DOT: 3 - Flammable and Combustible Liquids	Waste Oil	Gallons	500	500	50	200	- Physical Flammable			
	<u>CAS No</u> 68815-10-1	<u>State</u> Liquid	<u>Storage Container</u> Belowground Tank		<u>Pressue</u> Ambient	<u>Waste Code</u> 221	- Physical Hazard Not Otherwise Classified			
		<u>Type</u> Waste	Days on Site: 365		<u>Temperature</u> Ambient		- Health Hazard Not Otherwise Classified			

Hazardous Materials And Wastes Inventory Matrix Report

CERS Business/Org.	Air Products and Chemicals, Inc.	Chemical Location	CERS ID 10085338
Facility Name	AIR PRODUCTS & CHEMICALS, INC	<div style="background-color: #cccccc; width: 150px; height: 20px;"></div>	Facility ID 43-010-006862
	1515 Norman Avenue, Santa Clara 95054		Status Submitted on 6/21/2021 3:28 PM

DOT Code/Fire Haz. Class	Common Name	Unit	Quantities			Annual Waste Amount	Federal Hazard Categories	Hazardous Components (For mixture only)		
			Max. Daily	Largest Cont.	Avg. Daily			Component Name	% Wt	EHS
DOT: 3 - Flammable and Combustible Liquids	Compressor Oil - in machine oil sumps <u>CAS No</u> 8012-95-1	Gallons <u>State</u> Liquid <u>Type</u> Mixture	4461 <u>Storage Container</u> Aboveground Tank Days on Site: 365	875	4461	<u>Pressue</u> Ambient <u>Waste Code</u> <u>Temperature</u> Ambient	- Physical Flammable - Physical Hazard Not Otherwise Classified - Health Hazard Not Otherwise Classified			
DOT: 3 - Flammable and Combustible Liquids	Transformer Mineral Oil <u>CAS No</u> 8012-95-1	Gallons <u>State</u> Liquid <u>Type</u> Pure	7739 <u>Storage Container</u> Other Days on Site: 365	2150	7739	<u>Pressue</u> Ambient <u>Waste Code</u> <u>Temperature</u> Ambient	- Physical Flammable - Physical Hazard Not Otherwise Classified - Health Hazard Not Otherwise Classified			

Integra Telecom, Inc.

3075 Raymond Street

Not CalARP Regulated

Approximately 0.36 mile from site

9/22/21 Haz Mat Inventory

Hazardous Materials And Wastes Inventory Matrix Report

CERS Business/Org. Integra Telecom, Inc Facility Name Integra Telecom, Inc 3075 Raymond St, Santa Clara 95054	Chemical Location <div style="border: 1px solid black; width: 50px; height: 20px; margin: 0 auto;"></div>	CERS ID 10125613 Facility ID 43-010-208376 Status Submitted on 9/22/2021 7:04 AM
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DOT Code/Fire Haz. Class	Common Name	Unit	Quantities			Annual Waste Amount	Federal Hazard Categories	Hazardous Components (For mixture only)			
			Max. Daily	Largest Cont.	Avg. Daily			Component Name	% Wt	EHS	CAS No.
DOT: 8 - Corrosives (Liquids and Solids)	Sulfuric Acid	Pounds	324		324	0	- Physical	Sulfuric Acid	61 %		7664-93-9
Corrosive, Water Reactive, Class 2, Toxic, Oxidizing, Class 1	CAS No. 7664-93-9 <input checked="" type="checkbox"/> EHS	State Liquid	Storage Container Other		Pressure Ambient	Waste Code	Corrosive To Metal	Lead Plates	30 %		7439-92-1
		Type Pure	Days on Site: 365		Temperature Ambient		- Health Skin Corrosion Irritation - Health Serious Eye Damage Eye Irritation				

Hazardous Materials And Wastes Inventory Matrix Report

CERS Business/Org. Integra Telecom, Inc Facility Name Integra Telecom, Inc 3075 Raymond St, Santa Clara 95054	Chemical Location <div style="border: 1px solid black; height: 20px; width: 100%;"></div>	CERS ID 10125613 Facility ID 43-010-208376 Status Submitted on 9/22/2021 7:04 AM
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DOT Code/Fire Haz. Class	Common Name	Unit	Quantities			Annual Waste Amount	Federal Hazard Categories	Hazardous Components (For mixture only)		
			Max. Daily	Largest Cont.	Avg. Daily			Component Name	% Wt	EHS CAS No.
DOT: 3 - Flammable and Combustible Liquids	Diesel Fuel No. 2	Gallons	3000	3000	500	0	- Physical Flammable	Diesel Fuel #2	100 %	68476-34-6
Combustible Liquid, Class II	CAS No 68476-34-6	State Liquid	Storage Container Aboveground Tank	Type Mixture	Pressue Ambient	Waste Code				
			Days on Site: 365		Ambient					

Hazardous Materials And Wastes Inventory Matrix Report

CERS Business/Org. Integra Telecom, Inc Facility Name Integra Telecom, Inc 3075 Raymond St, Santa Clara 95054	Chemical Location <div style="border: 1px solid black; width: 50px; height: 20px; margin: 0 auto;"></div>	CERS ID 10125613 Facility ID 43-010-208376 Status Submitted on 9/22/2021 7:04 AM
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DOT Code/Fire Haz. Class	Common Name	Unit	Quantities			Annual Waste Amount	Federal Hazard Categories	Hazardous Components (For mixture only)		
			Max. Daily	Largest Cont.	Avg. Daily			Component Name	% Wt	EHS CAS No.
DOT: 8 - Corrosives (Liquids and Solids)	Sulfuric Acid	Gallons	141.6	1.2	141.6	0	- Physical	Sulfuric Acid	10 %	7664-93-9
	CAS No. 7664-93-9	State	Storage Container		Pressue		Corrosive To			
Corrosive, Water Reactive, Class 2, Toxic, Oxidizing, Class 1		Liquid	Box		Ambient	Waste Code	Metal	Lead Plates	70 %	7439-92-1
		Type			Temperature		- Health Skin	Plastic	20 %	
		Mixture	Days on Site: 365		Ambient		Corrosion Irritation			

NVIDIA Corp.

2721 San Tomas Expwy.

Not CalARP Regulated

Approximately 0.40 mile from site

4/12/21 Haz Mat Inventory

Hazardous Materials And Wastes Inventory Matrix Report

CERS Business/Org. NVIDIA Corporation Facility Name Building A 2721 San Tomas Expressway, Santa Clara 95050	Chemical Location <div style="border: 1px solid black; height: 20px; width: 100%;"></div>	CERS ID 10159169 Facility ID 43-010-067474 Status Submitted on 4/12/2021 9:55 PM
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DOT Code/Fire Haz. Class	Common Name	Unit	Quantities			Annual Waste Amount	Federal Hazard Categories	Hazardous Components (For mixture only)		
			Max. Daily	Largest Cont.	Avg. Daily			Component Name	% Wt	EHS CAS No.
DOT: 9 - Misc. Hazardous Materials	Hazardous waste solid debris with solvents and lead	Gallons	165	55	55	600	- Physical	Isopropyl Alcohol	5 %	67-63-0
Flammable Solid, Toxic	<u>CAS No</u>	<u>State</u>	<u>Storage Container</u>		<u>Pressure</u>	<u>Waste Code</u>	Flammable			
		Solid	Steel Drum		Ambient		- Health	Lead solder	10 %	7439-92-1
		<u>Type</u>			<u>Temperature</u>		Carcinogenicity	Acetone	1 %	67-64-1
		Waste	Days on Site: 365		Ambient		- Health Acute	Wipes and PPE	84 %	
							Toxicity			
							- Health			
							Reproductive			
							Toxicity			
							- Health Skin			
							Corrosion			
							Irritation			
							- Health			
							Respiratory Skin			
							Sensitization			
							- Health Specific			
							Target Organ			
							Toxicity			

Hazardous Materials And Wastes Inventory Matrix Report

CERS Business/Org. NVIDIA Corporation Facility Name Building A 2721 San Tomas Expressway, Santa Clara 95050	Chemical Location <div style="border: 1px solid black; width: 100px; height: 20px; margin: 5px auto;"></div>	CERS ID 10159169 Facility ID 43-010-067474 Status Submitted on 4/12/2021 9:55 PM
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DOT Code/Fire Haz. Class	Common Name	Unit	Quantities			Annual Waste Amount	Federal Hazard Categories	Hazardous Components (For mixture only)			
			Max. Daily	Largest Cont.	Avg. Daily			Component Name	% Wt	EHS	CAS No.
DOT: 2.2 - Nonflammable Gases	Argon Compressed	Cu. Feet	330	248	248	0	- Physical Gas Under Pressure - Health Simple Asphyxiant	argon	100 %		7440-37-1
	<u>CAS No</u> 7440-37-1	<u>State</u> Gas	<u>Storage Container</u> Cylinder		<u>Pressue</u>	<u>Waste Code</u>					
		<u>Type</u> Pure			<u>Temperature</u>						

Hazardous Materials And Wastes Inventory Matrix Report

CERS Business/Org. NVIDIA Corporation Facility Name Building A 2721 San Tomas Expressway, Santa Clara 95050	Chemical Location <div style="border: 1px solid black; width: 100px; height: 20px; margin: 0 auto;"></div>	CERS ID 10159169 Facility ID 43-010-067474 Status Submitted on 4/12/2021 9:55 PM
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DOT Code/Fire Haz. Class	Common Name	Unit	Quantities			Annual Waste Amount	Federal Hazard Categories	Hazardous Components (For mixture only)		
			Max. Daily	Largest Cont.	Avg. Daily			Component Name	% Wt	EHS CAS No.
DOT: 2.2 - Nonflammable Gases	Nitrogen	Cu. Feet	228	228	50		- Physical Gas	Nitrogen	100 %	7727-37-9
	<u>CAS No</u> 7727-37-9	<u>State</u> Gas	<u>Storage Container</u> Cylinder		<u>Pressue</u> Ambient	<u>Waste Code</u>	Under Pressure - Health Simple Asphyxiant			
		<u>Type</u> Pure	Days on Site: 365		<u>Temperature</u> Ambient					

Hazardous Materials And Wastes Inventory Matrix Report

CERS Business/Org. **NVIDIA Corporation**
 Facility Name **Building A**
 2721 San Tomas Expressway, Santa Clara 95050

Chemical Location

CERS ID **10159169**
 Facility ID **43-010-067474**
 Status **Submitted on 4/12/2021 9:55 PM**

DOT Code/Fire Haz. Class	Common Name	Unit	Quantities			Annual Waste Amount	Federal Hazard Categories	Hazardous Components (For mixture only)		
			Max. Daily	Largest Cont.	Avg. Daily			Component Name	% Wt	EHS CAS No.
DOT: 3 - Flammable and Combustible Liquids	Fuel oil no. 2	Gallons	900	900	800		- Physical	petroleum distillates	100 %	68476-34-6
Combustible Liquid, Class II	CAS No 68476-30-2	State Liquid	Storage Container Aboveground Tank		Pressue Ambient	Waste Code	- Health			
		Type Pure	Days on Site: 365		Temperature Ambient		- Health Acute			
							- Health Skin			
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Hazardous Materials And Wastes Inventory Matrix Report

CERS Business/Org. NVIDIA Corporation Facility Name Building A 2721 San Tomas Expressway, Santa Clara 95050	Chemical Location <div style="border: 1px solid black; height: 20px; width: 100%;"></div>	CERS ID 10159169 Facility ID 43-010-067474 Status Submitted on 4/12/2021 9:55 PM
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DOT Code/Fire Haz. Class	Common Name	Unit	Quantities			Annual Waste Amount	Federal Hazard Categories	Hazardous Components (For mixture only)		
			Max. Daily	Largest Cont.	Avg. Daily			Component Name	% Wt	EHS CAS No.
DOT: 2.2 - Nonflammable Gases	Nitrogen, Liquid	Gallons	265	265	40		- Physical Gas	nitrogen, refrigerated liquid	100 %	7727-37-9
Cryogen	CAS No 7727-37-9	State Liquid	Storage Container Aboveground Tank		Pressue > Ambient	Waste Code	Under Pressure			
		Type Pure	Days on Site: 365		Temperature Cryogenic		Toxicity			
							- Health Skin			
							Corrosion			
							Irritation			
							- Health Serious			
							Eye Damage Eye			
							Irritation			
							- Health			
							Aspiration Hazard			
							- Health Simple			
							Asphyxiant			

Hazardous Materials And Wastes Inventory Matrix Report

CERS Business/Org. NVIDIA Corporation Facility Name Building A 2721 San Tomas Expressway, Santa Clara 95050	Chemical Location <div style="border: 1px solid black; height: 20px; width: 100%;"></div>	CERS ID 10159169 Facility ID 43-010-067474 Status Submitted on 4/12/2021 9:55 PM
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DOT Code/Fire Haz. Class	Common Name	Unit	Quantities			Annual Waste Amount	Federal Hazard Categories	Hazardous Components (For mixture only)		
			Max. Daily	Largest Cont.	Avg. Daily			Component Name	% Wt	EHS CAS No.
DOT: 2.2 - Nonflammable Gases	Oxygen	Cu. Feet	500	249	100		- Physical Gas	oxygen	100 %	7782-44-7
Oxidizing, Class 2	CAS No 7782-44-7	State Gas	Storage Container Cylinder		Pressue > Ambient	Waste Code	Under Pressure			
		Type Pure	Days on Site: 365		Temperature Ambient		- Physical Oxidizer			

**Santa Clara City CUPA Non-Regulated/
Not Applicable Facilities
Building B**

2731 San Tomas Expwy.

Not CalARP Regulated

Approximately 0.36 mile from site

10/16/19 Haz Mat Inventory

Hazardous Materials And Wastes Inventory Matrix Report

CERS Business/Org.	Santa Clara City CUPA Non-Regulated/Not Applicable Facilities	Chemical Location	CERS ID 10159165
Facility Name	Building B	<div style="background-color: #cccccc; width: 150px; height: 20px;"></div>	Facility ID 43-010-068973
	2731 San Tomas Expressway, Santa Clara 95050		Status Submitted on 10/16/2019 10:16 AM

DOT Code/Fire Haz. Class	Common Name	Unit	Quantities			Annual Waste Amount	Federal Hazard Categories	Hazardous Components (For mixture only)		
			Max. Daily	Largest Cont.	Avg. Daily			Component Name	% Wt	EHS
DOT: 2.2 - Nonflammable Gases	Carbon Dioxide	Cu. Feet	3100	437	2000	- Physical Gas Under Pressure	carbon dioxide	100 %	124-38-9	
	<u>CAS No</u> 124-38-9	<u>State</u> Gas	<u>Storage Container</u> Cylinder		<u>Pressue</u> > Ambient	<u>Waste Code</u>				
		<u>Type</u> Pure	Days on Site: 365		<u>Temperature</u> Ambient					

Hazardous Materials And Wastes Inventory Matrix Report

CERS Business/Org.	Santa Clara City CUPA Non-Regulated/Not Applicable Facilities	Chemical Location	CERS ID 10159165
Facility Name	Building B	<div style="background-color: #cccccc; width: 80px; height: 20px;"></div>	Facility ID 43-010-068973
	2731 San Tomas Expressway, Santa Clara 95050		Status Submitted on 10/16/2019 10:16 AM

DOT Code/Fire Haz. Class	Common Name	Unit	Quantities			Annual Waste Amount	Federal Hazard Categories	Hazardous Components (For mixture only)		
			Max. Daily	Largest Cont.	Avg. Daily			Component Name	% Wt	EHS CAS No.
DOT: 8 - Corrosives (Liquids and Solids) Corrosive	Lead Acid Batteries - electrolyte solution	Gallons	2.89	0.0241	2.89	792	- Physical Explosive - Physical Corrosive To Metal - Health Carcinogenicity - Health Reproductive Toxicity - Health Skin Corrosion Irritation - Health Serious Eye Damage Eye Irritation - Health Specific Target Organ Toxicity	Sulfuric Acid	20 %	✓ 7664-93-9
	<u>State</u>	<u>Storage Container</u>			<u>Pressue</u>	<u>Waste Code</u>				
	<u>CAS No</u>	Liquid			Ambient					
		<u>Type</u>			<u>Temperature</u>					
		Mixture	Days on Site: 365		Ambient					

Hazardous Materials And Wastes Inventory Matrix Report

CERS Business/Org. Santa Clara City CUPA Non-Regulated/Not Applicable Facilities Facility Name Building B 2731 San Tomas Expressway, Santa Clara 95050	Chemical Location <div style="border: 1px solid black; height: 20px; width: 100%;"></div>	CERS ID 10159165 Facility ID 43-010-068973 Status Submitted on 10/16/2019 10:16 AM
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DOT Code/Fire Haz. Class	Common Name	Unit	Quantities			Annual Waste Amount	Federal Hazard Categories	Hazardous Components (For mixture only)		
			Max. Daily	Largest Cont.	Avg. Daily			Component Name	% Wt	EHS CAS No.
DOT: 3 - Flammable and Combustible Liquids Combustible Liquid, Class II	Fuel oil no. 2 CAS No 68476-30-2	Gallons	900	900	800		- Physical Flammable - Health Carcinogenicity - Health Acute Toxicity - Health Respiratory Skin Sensitization - Health Serious Eye Damage Eye Irritation - Health Specific Target Organ Toxicity - Health Aspiration Hazard	FUELS, DIESEL, NO. 2	100 %	68476-34-6
		State Liquid Type Pure	Storage Container Aboveground Tank Days on Site: 365			Pressue Ambient Temperature Ambient	Waste Code			

Hazardous Materials And Wastes Inventory Matrix Report

CERS Business/Org. Santa Clara City CUPA Non-Regulated/Not Applicable Facilities	Chemical Location <div style="border: 1px solid black; height: 20px; width: 100%;"></div>	CERS ID 10159165
Facility Name Building B 2731 San Tomas Expressway, Santa Clara 95050		Facility ID 43-010-068973
		Status Submitted on 10/16/2019 10:16 AM

DOT Code/Fire Haz. Class	Common Name	Unit	Quantities			Annual Waste Amount	Federal Hazard Categories	Hazardous Components (For mixture only)			
			Max. Daily	Largest Cont.	Avg. Daily			Component Name	% Wt	EHS	CAS No.
DOT: 9 - Misc. Hazardous Materials	Hazardous Waste Solids	Pounds	15	5	5	30	- Physical	Acetone	1 %	✓	67-64-1
	<u>CAS No</u>	<u>State</u>	<u>Storage Container</u>		<u>Pressure</u>		Flammable				
	N/A	Solid	Can, Bag		Ambient	<u>Waste Code</u>	- Health	Lead Solder	5 %	✓	7439-92-1
Flammable Solid, Toxic		<u>Type</u>			<u>Temperature</u>	352	Carcinogenicity	Isopropyl Alcohol	5 %	✓	67-63-0
		Waste	Days on Site: 365		Ambient		- Health Acute	Wipes and PPE	95 %	✓	
							Toxicity				

NVIDIA Corp.

2880 Scott Blvd.

Not CalARP Regulated

Approximately 0.26 mile from site

4/12/21 Haz Mat Inventory

Hazardous Materials And Wastes Inventory Matrix Report

CERS Business/Org. NVIDIA Corporation Facility Name NVIDIA Corporation BLDG R 2880 Scott Blvd, Santa Clara 95050	Chemical Location <div style="border: 1px solid black; height: 20px; width: 100%;"></div>	CERS ID 10469203 Facility ID 43-010-123839 Status Submitted on 4/12/2021 10:04 PM
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DOT Code/Fire Haz. Class	Common Name	Unit	Quantities			Annual Waste Amount	Federal Hazard Categories	Hazardous Components (For mixture only)		
			Max. Daily	Largest Cont.	Avg. Daily			Component Name	% Wt	EHS CAS No.
DOT: 2.2 - Nonflammable Gases	Carbon Dioxide	Cu. Feet	1750	437	1000	0	- Physical Gas	carbon dioxide	100 %	124-38-9
	<u>CAS No</u> 124-38-9	<u>State</u> Gas	<u>Storage Container</u> Cylinder		<u>Pressue</u> > Ambient	<u>Waste Code</u>	Under Pressure			
		<u>Type</u> Pure			<u>Temperature</u> Ambient					

Hazardous Materials And Wastes Inventory Matrix Report

CERS Business/Org. NVIDIA Corporation	Chemical Location <div style="border: 1px solid black; width: 100px; height: 20px; margin: 0 auto;"></div>	CERS ID 10469203
Facility Name NVIDIA Corporation BLDG R 2880 Scott Blvd, Santa Clara 95050		Facility ID 43-010-123839
		Status Submitted on 4/12/2021 10:04 PM

DOT Code/Fire Haz. Class	Common Name	Unit	Quantities			Annual Waste Amount	Federal Hazard Categories	Hazardous Components (For mixture only)		
			Max. Daily	Largest Cont.	Avg. Daily			Component Name	% Wt	EHS CAS No.
DOT: 3 - Flammable and Combustible Liquids Combustible Liquid, Class II	Fuel oil no. 2 <u>CAS No</u> 68476-30-2	Gallons	750	750	750	- Physical Flammable - Health - Health - Health Acute Toxicity - Health Skin Corrosion Irritation - Health Respiratory Skin Sensitization - Health Serious Eye Damage Eye Irritation - Health Specific Target Organ Toxicity - Health Aspiration Hazard	- Physical Flammable - Health - Health - Health Acute Toxicity - Health Skin Corrosion Irritation - Health Respiratory Skin Sensitization - Health Serious Eye Damage Eye Irritation - Health Specific Target Organ Toxicity - Health Aspiration Hazard	- Health Carcinogenicity - Health Acute Toxicity - Health Skin Corrosion Irritation - Health Respiratory Skin Sensitization - Health Serious Eye Damage Eye Irritation - Health Specific Target Organ Toxicity - Health Aspiration Hazard	- Health Carcinogenicity - Health Acute Toxicity - Health Skin Corrosion Irritation - Health Respiratory Skin Sensitization - Health Serious Eye Damage Eye Irritation - Health Specific Target Organ Toxicity - Health Aspiration Hazard	- Health Carcinogenicity - Health Acute Toxicity - Health Skin Corrosion Irritation - Health Respiratory Skin Sensitization - Health Serious Eye Damage Eye Irritation - Health Specific Target Organ Toxicity - Health Aspiration Hazard
DOT: 3 - Flammable and Combustible Liquids Combustible Liquid, Class II	Fuel oil no. 2 <u>CAS No</u> 68476-30-2	Gallons	100	100	100	- Physical Flammable - Health - Health - Health Acute Toxicity - Health Skin Corrosion Irritation - Health Respiratory Skin Sensitization - Health Serious Eye Damage Eye Irritation - Health Specific Target Organ Toxicity - Health Aspiration Hazard	- Physical Flammable - Health - Health - Health Acute Toxicity - Health Skin Corrosion Irritation - Health Respiratory Skin Sensitization - Health Serious Eye Damage Eye Irritation - Health Specific Target Organ Toxicity - Health Aspiration Hazard	- Health Carcinogenicity - Health Acute Toxicity - Health Skin Corrosion Irritation - Health Respiratory Skin Sensitization - Health Serious Eye Damage Eye Irritation - Health Specific Target Organ Toxicity - Health Aspiration Hazard	- Health Carcinogenicity - Health Acute Toxicity - Health Skin Corrosion Irritation - Health Respiratory Skin Sensitization - Health Serious Eye Damage Eye Irritation - Health Specific Target Organ Toxicity - Health Aspiration Hazard	

Nvidia Corporation – Generator Room

2806 Scott Blvd.

Not CalARP Regulated

Approximately 0.38 mile from site

4/13/21 Haz Mat Inventory

Hazardous Materials And Wastes Inventory Matrix Report

CERS Business/Org. NVIDIA Corporation Facility Name Generator Room 2806 Scott Boulevard, Santa Clara 95050	Chemical Location <div style="border: 1px solid black; width: 100px; height: 20px; margin: 0 auto;"></div>	CERS ID 10125322 Facility ID 43-010-101561 Status Submitted on 4/13/2021 8:17 PM
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DOT Code/Fire Haz. Class	Common Name	Unit	Quantities			Annual Waste Amount	Federal Hazard Categories	Hazardous Components (For mixture only)		
			Max. Daily	Largest Cont.	Avg. Daily			Component Name	% Wt	EHS CAS No.
Corrosive	Chem-Aqua 31855	Gallons	15	15	1		- Physical	sodium hydroxide	5 %	1310-73-2
	<u>CAS No</u>	<u>State</u>	<u>Storage Container</u>		<u>Pressure</u>	<u>Waste Code</u>	Corrosive To	sodium tolyltriazole	5 %	64665-57-2
		Liquid	Carboy		Ambient		Metal	phosphoric acid	5 %	29329-71-3
		<u>Type</u>			<u>Temperature</u>		- Health Skin	sodium zincate	3 %	12179-14-5
		Mixture	Days on Site: 365		Ambient		Corrosion			
DOT: 8 - Corrosives (Liquids and Solids) Corrosive	Chem-Aqua 40215	Gallons	15	15	1		- Physical	5-chloro-2-methyl-4-isothiazolin-3-one	1 %	26172-55-4
	<u>CAS No</u>	<u>State</u>	<u>Storage Container</u>		<u>Pressure</u>	<u>Waste Code</u>	Corrosive To	2-methyl-4-isothiazolin-3-one	0 %	
		Liquid	Plastic/Non-metalic Drum		Ambient		Metal	Magnesium Nitrate	5 %	10377-60-3
		<u>Type</u>			<u>Temperature</u>		- Health Acute	Magnesium Chloride	5 %	7786-30-3
		Mixture	Days on Site: 365		Ambient		Toxicity			
Oxidizing, Class 1	Chem-Aqua 58100	Pounds	20	20	1		- Physical Oxidizer	sodium nitrate	75 %	7632-00-0
	<u>CAS No</u>	<u>State</u>	<u>Storage Container</u>		<u>Pressure</u>	<u>Waste Code</u>	- Health Acute	borates, tetra, sodium salts, petahydrate	20 %	12179-04-3
		Solid	Plastic/Non-metalic Drum		Ambient		Toxicity	sodium tolyltriazol	5 %	64665-57-2
		<u>Type</u>			<u>Temperature</u>		- Health			
		Mixture	Days on Site: 365		Ambient		Reproductive			
	Sodium Chloride (Salt Pellets)	Pounds	2000	50	1000			sodium chloride	100 %	7647-14-5
	<u>CAS No</u>	<u>State</u>	<u>Storage Container</u>		<u>Pressure</u>	<u>Waste Code</u>		sodium Hexametaphosphate	0 %	10124-56-8
	7647-14-5	Solid	Bag							
		<u>Type</u>			<u>Temperature</u>					
		Pure								

Hazardous Materials And Wastes Inventory Matrix Report

CERS Business/Org. **NVIDIA Corporation**
 Facility Name **Generator Room**
 2806 Scott Boulevard, Santa Clara 95050

Chemical Location

CERS ID **10125322**
 Facility ID **43-010-101561**
 Status **Submitted on 4/13/2021 8:17 PM**

DOT Code/Fire Haz. Class	Common Name	Unit	Quantities			Annual Waste Amount	Federal Hazard Categories	Hazardous Components (For mixture only)		
			Max. Daily	Largest Cont.	Avg. Daily			Component Name	% Wt	EHS CAS No.
DOT: 5.1 - Oxidizing Substances	BromiCide Tablets	Pounds	50	25	25		- Physical Oxidizer	1-Bromo-3-chloro-5,5-dimethylhydantoin	100 %	16079-88-2
Oxidizing, Class 2, Corrosive	CAS No 16079-88-2	State Solid	Storage Container Plastic/Non-metalic Drum	Pressue Ambient	Temperature Ambient	Waste Code	- Physical Corrosive To Metal - Health Acute Toxicity - Health Skin Corrosion Irritation - Health Respiratory Skin Sensitization - Health Serious Eye Damage Eye Irritation			
		Type Pure	Days on Site: 365							

Hazardous Materials And Wastes Inventory Matrix Report

CERS Business/Org. NVIDIA Corporation Facility Name Generator Room 2806 Scott Boulevard, Santa Clara 95050	Chemical Location <div style="border: 1px solid black; height: 20px; width: 100%;"></div>	CERS ID 10125322 Facility ID 43-010-101561 Status Submitted on 4/13/2021 8:17 PM
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DOT Code/Fire Haz. Class	Common Name	Unit	Quantities			Annual Waste Amount	Federal Hazard Categories	Hazardous Components (For mixture only)		
			Max. Daily	Largest Cont.	Avg. Daily			Component Name	% Wt	EHS CAS No.
DOT: 8 - Corrosives (Liquids and Solids)	Inserv CW-1225	Gallons	40	40	10		- Physical	Phosphonobutane tricarboxylic acid (PBTC)	5 %	37971-36-1
	<u>CAS No</u>	<u>State</u>	<u>Storage Container</u>		<u>Pressue</u>		Corrosive To			
Corrosive		Liquid	Plastic/Non-metalic Drum		Ambient	<u>Waste Code</u>	Metal	Polymaleic acid	5 %	26099-09-2
		<u>Type</u>	Mixture	Days on Site: 365	<u>Temperature</u>		- Health Acute	Potassium hydroxide (KOH)	10 %	1310-58-2
					Ambient		Toxicity	Sodium molybdate	3 %	7631-95-0
							- Health Skin			
							Corrosion			
							Irritation			
							- Health			
							Respiratory Skin			
							Sensitization			
							- Health Serious			
							Eye Damage Eye			
							Irritation			
							- Health Specific			
							Target Organ			
							Toxicity			

Hazardous Materials And Wastes Inventory Matrix Report

CERS Business/Org. NVIDIA Corporation	Chemical Location	CERS ID 10125322
Facility Name Generator Room	[Redacted]	Facility ID 43-010-101561
2806 Scott Boulevard, Santa Clara 95050		Status Submitted on 4/13/2021 8:17 PM

DOT Code/Fire Haz. Class	Common Name	Unit	Quantities			Annual Waste Amount	Federal Hazard Categories	Hazardous Components (For mixture only)		
			Max. Daily	Largest Cont.	Avg. Daily			Component Name	% Wt	EHS CAS No.
DOT: 8 - Corrosives (Liquids and Solids)	7423 Microbiocide - Isothiazolin	Gallons	40	40	10		- Physical	5-chloro-2-methyl-isothiazoline-3-one	1 %	26172-55-4
	<u>CAS No</u>	<u>State</u>	<u>Storage Container</u>		<u>Pressue</u>		Corrosive To			
Corrosive		Liquid	Plastic/Non-metalic Drum		Ambient	<u>Waste Code</u>	Metal	2-methyl-4isothiazolin-3-one	0 %	2682-20-4
		<u>Type</u>	Mixture	Days on Site: 365	<u>Temperature</u>		- Health Acute	Magnesium Nitrate	2 %	10377-60-3
					Ambient		Toxicity	Magnesium Chloride	1 %	7786-30-3
							- Health Skin			
							Corrosion			
							Irritation			
							- Health			
							Respiratory Skin			
							Sensitization			
							- Health Serious			
							Eye Damage Eye			
							Irritation			

Hazardous Materials And Wastes Inventory Matrix Report

CERS Business/Org. **NVIDIA Corporation**
 Facility Name **Generator Room**
 2806 Scott Boulevard, Santa Clara 95050

Chemical Location

CERS ID **10125322**
 Facility ID **43-010-101561**
 Status **Submitted on 4/13/2021 8:17 PM**

DOT Code/Fire Haz. Class	Common Name	Unit	Quantities			Annual Waste Amount	Federal Hazard Categories	Hazardous Components (For mixture only)		
			Max. Daily	Largest Cont.	Avg. Daily			Component Name	% Wt	EHS CAS No.
	TDA-3210	Gallons	40	40	10		- Health			
	<u>CAS No</u>	<u>State</u>	<u>Storage Container</u>		<u>Pressue</u>	<u>Waste Code</u>	Respiratory Skin			
		<u>Liquid</u>	Plastic/Non-metalic Drum		<u>Ambient</u>		Sensitization			
		<u>Type</u>			<u>Temperature</u>					
		<u>Mixture</u>	Days on Site: 365		<u>Ambient</u>					

Hazardous Materials And Wastes Inventory Matrix Report

CERS Business/Org. **NVIDIA Corporation**
 Facility Name **Generator Room**
 2806 Scott Boulevard, Santa Clara 95050

Chemical Location

CERS ID **10125322**
 Facility ID **43-010-101561**
 Status **Submitted on 4/13/2021 8:17 PM**

DOT Code/Fire Haz. Class	Common Name	Unit	Quantities			Annual Waste Amount	Federal Hazard Categories	Hazardous Components (For mixture only)		
			Max. Daily	Largest Cont.	Avg. Daily			Component Name	% Wt	EHS CAS No.
DOT: 3 - Flammable and Combustible Liquids Combustible Liquid, Class III-B	Diesel Fuel CAS No 68476-30-2	Gallons	6000	2000	2000		- Physical Flammable - Health Carcinogenicity - Health Acute Toxicity - Health Skin Corrosion Irritation - Health Respiratory Skin Sensitization - Health Aspiration Hazard			
		State Liquid Type Pure	Storage Container Aboveground Tank			Pressue Ambient Temperature Ambient	Waste Code			
			Days on Site: 365							

Genia Technologies, Inc.

2841 Scott Blvd.

Not CalARP Regulated

Approximately 0.25 mile from site

12/30/20 Haz Mat Inventory

Hazardous Materials And Wastes Inventory Matrix Report

CERS Business/Org. Genia Technologies, Inc.	Chemical Location <div style="background-color: white; border: 1px solid black; width: 100px; height: 20px; margin: 0 auto;"></div>	CERS ID 10085602
Facility Name Genia Technologies, Inc. 2841 SCOTT BL, SANTA CLARA 95050		Facility ID 43-010-204396
		Status Submitted on 12/30/2020 2:39 PM

DOT Code/Fire Haz. Class	Common Name	Unit	Quantities			Annual Waste Amount	Federal Hazard Categories	Hazardous Components (For mixture only)		
			Max. Daily	Largest Cont.	Avg. Daily			Component Name	% Wt	EHS
DOT: 3 - Flammable and Combustible Liquids	Solvent waste <u>CAS No</u>	Gallons	220	55	55	500	- Physical Flammable - Health Acute Toxicity			
		<u>State</u> Liquid	<u>Storage Container</u> Plastic/Non-metallic Drum		<u>Pressue</u> Ambient	<u>Waste Code</u> 213				
		<u>Type</u> Waste			<u>Temperature</u> Ambient					

Hazardous Materials And Wastes Inventory Matrix Report

CERS Business/Org. Genia Technologies, Inc. Facility Name Genia Technologies, Inc. 2841 SCOTT BL, SANTA CLARA 95050	Chemical Location <div style="border: 1px solid black; height: 20px; width: 100%;"></div>	CERS ID 10085602 Facility ID 43-010-204396 Status Submitted on 12/30/2020 2:39 PM
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DOT Code/Fire Haz. Class	Common Name	Unit	Quantities			Annual Waste Amount	Federal Hazard Categories	Hazardous Components (For mixture only)		
			Max. Daily	Largest Cont.	Avg. Daily			Component Name	% Wt	EHS
DOT: 2.2 - Nonflammable Gases	Nitrogen, Liquid	Gallons	148	53	100		- Physical Gas			
Cryogen	CAS No 7727-37-9	State Liquid	Storage Container Other		Pressue < Ambient	Waste Code	Under Pressure			
		Type Pure	Days on Site: 365		Temperature Cryogenic		- Health Simple			
							Asphyxiant			

Hazardous Materials And Wastes Inventory Matrix Report

CERS Business/Org. Genia Technologies, Inc.	Chemical Location <div style="background-color: #cccccc; height: 20px; width: 100%;"></div>	CERS ID 10085602
Facility Name Genia Technologies, Inc. 2841 SCOTT BL, SANTA CLARA 95050		Facility ID 43-010-204396 Status Submitted on 12/30/2020 2:39 PM

DOT Code/Fire Haz. Class	Common Name	Unit	Quantities			Annual Waste Amount	Federal Hazard Categories	Hazardous Components (For mixture only)		
			Max. Daily	Largest Cont.	Avg. Daily			Component Name	% Wt	EHS
DOT: 2.2 - Nonflammable Gases	Argon <u>CAS No</u> 7440-37-1	Cu. Feet	1750	250	1250	- Physical Gas - Under Pressure - Health Simple - Asphyxiant				
		<u>State</u> Gas <u>Type</u> Pure	<u>Storage Container</u> Cylinder Days on Site: 365		<u>Pressue</u> Ambient <u>Temperature</u> Ambient	<u>Waste Code</u>				

Hazardous Materials And Wastes Inventory Matrix Report

CERS Business/Org. Genia Technologies, Inc.	Chemical Location <div style="border: 1px solid black; height: 20px; width: 100%;"></div>	CERS ID 10085602
Facility Name Genia Technologies, Inc.		Facility ID 43-010-204396
2841 SCOTT BL, SANTA CLARA 95050		Status Submitted on 12/30/2020 2:39 PM

DOT Code/Fire Haz. Class	Common Name	Unit	Quantities			Annual Waste Amount	Federal Hazard Categories	Hazardous Components (For mixture only)		
			Max. Daily	Largest Cont.	Avg. Daily			Component Name	% Wt	EHS
DOT: 2.2 - Nonflammable Gases	Nitrogen Gas	Cu. Feet	750	250	500		- Physical Gas Under Pressure - Health Simple Asphyxiant			
	CAS No <u>7727-37-9</u>	State Gas	Storage Container Cylinder		Pressue Ambient	Waste Code				
		Type Pure			Temperature Ambient					

Hazardous Materials And Wastes Inventory Matrix Report

CERS Business/Org. Genia Technologies, Inc.	Chemical Location <div style="border: 1px solid black; width: 100px; height: 20px; margin: 0 auto;"></div>	CERS ID 10085602
Facility Name Genia Technologies, Inc.		Facility ID 43-010-204396
2841 SCOTT BL, SANTA CLARA 95050		Status Submitted on 12/30/2020 2:39 PM

DOT Code/Fire Haz. Class	Common Name	Unit	Quantities			Annual Waste Amount	Federal Hazard Categories	Hazardous Components (For mixture only)		
			Max. Daily	Largest Cont.	Avg. Daily			Component Name	% Wt	EHS
DOT: 2.2 - Nonflammable Gases	Carbon Dioxide	Cu. Feet	750	250	500		- Physical Gas Under Pressure - Health Simple Asphyxiant			
	CAS No 124-38-9	State Gas	Storage Container Cylinder		Pressue > Ambient	Waste Code				
		Type Pure	Days on Site: 365		Temperature Ambient					

Hazardous Materials And Wastes Inventory Matrix Report

CERS Business/Org. Genia Technologies, Inc.	Chemical Location <div style="border: 1px solid black; width: 50px; height: 20px; margin: 0 auto;"></div>	CERS ID 10085602
Facility Name Genia Technologies, Inc.		Facility ID 43-010-204396
2841 SCOTT BL, SANTA CLARA 95050		Status Submitted on 12/30/2020 2:39 PM

DOT Code/Fire Haz. Class	Common Name	Unit	Quantities			Annual Waste Amount	Federal Hazard Categories	Hazardous Components (For mixture only)		
			Max. Daily	Largest Cont.	Avg. Daily			Component Name	% Wt	EHS
DOT: 3 - Flammable and Combustible Liquids Combustible Liquid, Class II	Diesel Fuel No. 2 <u>CAS No</u> 68476-34-6	Gallons	440	550	440	- Physical Flammable - Health Acute Toxicity				
		<u>State</u> Liquid <u>Type</u> Pure	<u>Storage Container</u> Aboveground Tank		<u>Pressue</u> Ambient <u>Temperature</u> Ambient	<u>Waste Code</u>				
			Days on Site: 365							

**Roche Molecular
Systems, Inc.**

2861 Scott Blvd.

Not CalARP Regulated

Approximately 0.19 mile from site

1/10/20 Haz Mat Inventory

Hazardous Materials And Wastes Inventory Matrix Report

CERS Business/Org. Roche Molecular Systems, Inc	Chemical Location <div style="border: 1px solid black; width: 100px; height: 20px; margin: 0 auto;"></div>	CERS ID 10765876
Facility Name Roche Molecular Systems, Inc 2861 Scott Blvd, Santa Clara 95050		Facility ID 43-010-209746
		Status Submitted on 1/10/2020 1:01 PM

DOT Code/Fire Haz. Class	Common Name	Unit	Quantities			Annual Waste Amount	Federal Hazard Categories	Hazardous Components (For mixture only)		
			Max. Daily	Largest Cont.	Avg. Daily			Component Name	% Wt	EHS
DOT: 3 - Flammable and Combustible Liquids Combustible Liquid, Class II	Diesel Fuel No. 2 <u>CAS No</u> 68334-30-5	Gallons	1500	1500	1500	0	- Physical Flammable - Health Carcinogenicity - Health Acute Toxicity - Health Skin Corrosion Irritation - Health Specific Target Organ Toxicity - Health Aspiration Hazard			
		<u>State</u> Liquid <u>Type</u> Pure	<u>Storage Container</u> Aboveground Tank Days on Site: 365		<u>Pressue</u> Ambient <u>Temperature</u> Ambient	<u>Waste Code</u>				

Hazardous Materials And Wastes Inventory Matrix Report

CERS Business/Org.	Roche Molecular Systems, Inc	Chemical Location	CERS ID 10765876
Facility Name	Roche Molecular Systems, Inc 2861 Scott Blvd, Santa Clara 95050	<div style="background-color: white; width: 50px; height: 20px; margin: 0 auto;"></div>	Facility ID 43-010-209746
			Status Submitted on 1/10/2020 1:01 PM

DOT Code/Fire Haz. Class	Common Name	Unit	Quantities			Annual Waste Amount	Federal Hazard Categories	Hazardous Components (For mixture only)		
			Max. Daily	Largest Cont.	Avg. Daily			Component Name	% Wt	EHS CAS No.
	Dry Ice	Pounds	1500	500	500					
	<u>CAS No</u> 124-38-9	<u>State</u> Solid	<u>Storage Container</u> Tote Bin		<u>Pressue</u> Ambient	<u>Waste Code</u>				
		<u>Type</u> Pure			<u>Temperature</u> Ambient					

NVIDIA Corp.

2880 Scott Blvd.

Not CalARP Regulated

Approximately 0.26 mile from site

4/12/21 Haz Mat Inventory

Hazardous Materials And Wastes Inventory Matrix Report

CERS Business/Org. NVIDIA Corporation Facility Name NVIDIA Corporation BLDG R 2880 Scott Blvd, Santa Clara 95050	Chemical Location <div style="border: 1px solid black; height: 20px; width: 100%;"></div>	CERS ID 10469203 Facility ID 43-010-123839 Status Submitted on 4/12/2021 10:04 PM
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DOT Code/Fire Haz. Class	Common Name	Unit	Quantities			Annual Waste Amount	Federal Hazard Categories	Hazardous Components (For mixture only)		
			Max. Daily	Largest Cont.	Avg. Daily			Component Name	% Wt	EHS CAS No.
DOT: 2.2 - Nonflammable Gases	Carbon Dioxide	Cu. Feet	1750	437	1000	0	- Physical Gas Under Pressure	carbon dioxide	100 %	124-38-9
	<u>CAS No</u> 124-38-9	<u>State</u> Gas	<u>Storage Container</u> Cylinder		<u>Pressue</u> > Ambient	<u>Waste Code</u>				
		<u>Type</u> Pure			<u>Temperature</u> Ambient					

Hazardous Materials And Wastes Inventory Matrix Report

CERS Business/Org. NVIDIA Corporation	Chemical Location <div style="border: 1px solid black; width: 100px; height: 20px; margin: 0 auto;"></div>	CERS ID 10469203
Facility Name NVIDIA Corporation BLDG R 2880 Scott Blvd, Santa Clara 95050		Facility ID 43-010-123839
		Status Submitted on 4/12/2021 10:04 PM

DOT Code/Fire Haz. Class	Common Name	Unit	Quantities			Annual Waste Amount	Federal Hazard Categories	Hazardous Components (For mixture only)		
			Max. Daily	Largest Cont.	Avg. Daily			Component Name	% Wt	EHS CAS No.
DOT: 3 - Flammable and Combustible Liquids Combustible Liquid, Class II	Fuel oil no. 2 <u>CAS No</u> 68476-30-2	Gallons	750	750	750	- Physical Flammable - Health - Health - Health Acute Toxicity - Health Skin Corrosion Irritation - Health Respiratory Skin Sensitization - Health Serious Eye Damage Eye Irritation - Health Specific Target Organ Toxicity - Health Aspiration Hazard	- Physical Flammable - Health - Health - Health Acute Toxicity - Health Skin Corrosion Irritation - Health Respiratory Skin Sensitization - Health Serious Eye Damage Eye Irritation - Health Specific Target Organ Toxicity - Health Aspiration Hazard	- Health Carcinogenicity - Health Acute Toxicity - Health Skin Corrosion Irritation - Health Respiratory Skin Sensitization - Health Serious Eye Damage Eye Irritation - Health Specific Target Organ Toxicity - Health Aspiration Hazard	- Health Carcinogenicity - Health Acute Toxicity - Health Skin Corrosion Irritation - Health Respiratory Skin Sensitization - Health Serious Eye Damage Eye Irritation - Health Specific Target Organ Toxicity - Health Aspiration Hazard	- Health Carcinogenicity - Health Acute Toxicity - Health Skin Corrosion Irritation - Health Respiratory Skin Sensitization - Health Serious Eye Damage Eye Irritation - Health Specific Target Organ Toxicity - Health Aspiration Hazard
DOT: 3 - Flammable and Combustible Liquids Combustible Liquid, Class II	Fuel oil no. 2 <u>CAS No</u> 68476-30-2	Gallons	100	100	100	- Physical Flammable - Health - Health - Health Acute Toxicity - Health Skin Corrosion Irritation - Health Respiratory Skin Sensitization - Health Serious Eye Damage Eye Irritation - Health Specific Target Organ Toxicity - Health Aspiration Hazard	- Physical Flammable - Health - Health - Health Acute Toxicity - Health Skin Corrosion Irritation - Health Respiratory Skin Sensitization - Health Serious Eye Damage Eye Irritation - Health Specific Target Organ Toxicity - Health Aspiration Hazard	- Health Carcinogenicity - Health Acute Toxicity - Health Skin Corrosion Irritation - Health Respiratory Skin Sensitization - Health Serious Eye Damage Eye Irritation - Health Specific Target Organ Toxicity - Health Aspiration Hazard	- Health Carcinogenicity - Health Acute Toxicity - Health Skin Corrosion Irritation - Health Respiratory Skin Sensitization - Health Serious Eye Damage Eye Irritation - Health Specific Target Organ Toxicity - Health Aspiration Hazard	

NVIDIA Corp.

2890 Scott Blvd.

Not CalARP Regulated

Approximately 0.17 mile from site

3/8/21 Haz Mat Inventory

Hazardous Materials And Wastes Inventory Matrix Report

CERS Business/Org. NVIDIA Corporation	Chemical Location	CERS ID 10088668
Facility Name NVIDIA Corporation	[Redacted]	Facility ID 43-010-210046
2890 Scott Blvd, Santa Clara 95050		Status Submitted on 3/8/2021 11:38 AM

DOT Code/Fire Haz. Class	Common Name	Unit	Quantities			Annual Waste Amount	Federal Hazard Categories	Hazardous Components (For mixture only)		
			Max. Daily	Largest Cont.	Avg. Daily			Component Name	% Wt	EHS CAS No.
DOT: 3 - Flammable and Combustible Liquids	DIESEL	Gallons	750	750	600		- Physical	FUELS, DIESEL, NO. 2	100 %	
Combustible Liquid, Class II	CAS No 68334-30-5	State Liquid	Storage Container Aboveground Tank		Pressue Ambient	Waste Code 331	Flammable - Health Carcinogenicity - Health Acute Toxicity - Health Respiratory Skin Sensitization - Health Serious Eye Damage Eye Irritation - Health Aspiration Hazard	GAS OIL, LIGHT HYDRODESULFURIZED MIDDLE DISTILLATE	0 % 0 %	64741-44-2 64742-80-9
		Type Mixture	Days on Site: 365		Temperature Ambient					

Hazardous Materials And Wastes Inventory Matrix Report

CERS Business/Org. NVIDIA Corporation Facility Name NVIDIA Corporation 2890 Scott Blvd, Santa Clara 95050	Chemical Location <div style="border: 1px solid black; width: 40px; height: 20px; margin: 0 auto;"></div>	CERS ID 10088668 Facility ID 43-010-210046 Status Submitted on 3/8/2021 11:38 AM
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DOT Code/Fire Haz. Class	Common Name	Unit	Quantities			Annual Waste Amount	Federal Hazard Categories	Hazardous Components (For mixture only)		
			Max. Daily	Largest Cont.	Avg. Daily			Component Name	% Wt	EHS CAS No.
DOT: 2.1 - Flammable Gases	Various aerosols	Gallons	4	0.1	1	0	- Physical			
Flammable Liquid, Class I-A, Flammable Gas	<u>CAS No</u>	<u>State</u> Gas	<u>Storage Container</u> Can		<u>Pressue</u> Temperature	<u>Waste Code</u>	- Flammable - Physical Gas Under Pressure			
		<u>Type</u> Mixture	Days on Site: 365							
DOT: 8 - Corrosives (Liquids and Solids)	Various corrosive chemicals	Gallons	3	1	1	0	- Physical Corrosive To			
Corrosive	<u>CAS No</u>	<u>State</u> Liquid	<u>Storage Container</u> Carboy, Glass Bottle or Jug, Plastic		<u>Pressue</u> Ambient	<u>Waste Code</u>	- Metal - Health Acute Toxicity - Health Skin Corrosion Irritation - Health Respiratory Skin Sensitization - Health Serious Eye Damage Eye Irritation			
		<u>Type</u> Mixture	Bottle or Jug Days on Site: 365		<u>Temperature</u> Ambient					
DOT: 3 - Flammable and Combustible Liquids	Various flammable liquids	Gallons	5	1	1	0	- Physical Flammable	Isopropyl Alcohol		
Flammable Liquid, Class I-A	<u>CAS No</u>	<u>State</u> Liquid	<u>Storage Container</u> Carboy, Plastic Bottle or Jug		<u>Pressue</u> Ambient	<u>Waste Code</u>	- Health Skin Corrosion Irritation	Adhesives		
		<u>Type</u> Mixture	Days on Site: 365		<u>Temperature</u> Ambient					

Hazardous Materials And Wastes Inventory Matrix Report

CERS Business/Org. NVIDIA Corporation	Chemical Location	CERS ID 10088668
Facility Name NVIDIA Corporation	[Redacted]	Facility ID 43-010-210046
2890 Scott Blvd, Santa Clara 95050		Status Submitted on 3/8/2021 11:38 AM

DOT Code/Fire Haz. Class	Common Name	Unit	Quantities			Annual Waste Amount	Federal Hazard Categories	Hazardous Components (For mixture only)		
			Max. Daily	Largest Cont.	Avg. Daily			Component Name	% Wt	EHS CAS No.
DOT: 6.1 - Toxic Substances	Various Toxic chemicals	Gallons	21	1	5	0	- Health Acute			
Toxic	<u>CAS No</u>	<u>State</u>	<u>Storage Container</u>		<u>Pressue</u>	<u>Waste Code</u>	Toxicity			
		Liquid	Carboy, Glass Bottle or Jug, Plastic		Ambient		- Health			
		<u>Type</u>	Bottle or Jug		<u>Temperature</u>		Reproductive			
		Mixture	Days on Site: 365		Ambient		Toxicity			
							- Health Skin			
							Corrosion			
							Irritation			
							- Health			
							Respiratory Skin			
							Sensitization			
							- Health Serious			
							Eye Damage Eye			
							Irritation			
							- Health Specific			
							Target Organ			
							Toxicity			
							- Health			
							Aspiration Hazard			
							- Health Germ			
							Cell Mutagenicity			
							- Health Simple			
							Asphyxiant			
							- Health Hazard			
							Not Otherwise			
							Classified			

Applied Materials Bldg. 92

3101 Scott Blvd.

Not CalARP Regulated Approximately

0.14 mile from site

2/17/21 Haz Mat Inventory

Hazardous Materials And Wastes Inventory Matrix Report

CERS Business/Org. AKT America, Inc. Facility Name Applied Materials, Building 92 (formerly AKT America) 3101 Scott Blvd, Santa Clara 95054	Chemical Location <div style="border: 1px solid black; width: 80px; height: 20px; margin: 0 auto;"></div>	CERS ID 10481272 Facility ID 43-010-056385 Status Submitted on 2/17/2021 12:01 PM
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DOT Code/Fire Haz. Class	Common Name	Unit	Quantities			Annual Waste Amount	Federal Hazard Categories	Hazardous Components (For mixture only)		
			Max. Daily	Largest Cont.	Avg. Daily			Component Name	% Wt	EHS
DOT: 2.3 - Toxic Gases Corrosive, Water Reactive, Class 1	Boron Trichloride CAS No. 10294-34-5 <input checked="" type="checkbox"/> EHS	Pounds State Gas Storage Container Cylinder Type Pure Days on Site: 365	380	190	380	- Physical Gas Under Pressure - Health Acute Toxicity - Health Skin Corrosion Irritation - Health Serious Eye Damage Eye Irritation - Health Specific Target Organ Toxicity				

Hazardous Materials And Wastes Inventory Matrix Report

CERS Business/Org. AKT America, Inc.	Chemical Location <div style="border: 1px solid black; width: 80px; height: 20px; margin: 0 auto;"></div>	CERS ID 10481272
Facility Name Applied Materials, Building 92 (formerly AKT America)		Facility ID 43-010-056385
3101 Scott Blvd, Santa Clara 95054		Status Submitted on 2/17/2021 12:01 PM

DOT Code/Fire Haz. Class	Common Name	Unit	Quantities			Annual Waste Amount	Federal Hazard Categories	Hazardous Components (For mixture only)		
			Max. Daily	Largest Cont.	Avg. Daily			Component Name	% Wt	EHS CAS No.
	20% helium / 80% nitrogen	Cu. Feet	836	209	418		- Physical Gas Under Pressure - Health Simple Asphyxiant	Helium Nitrogen	20 % 80 %	
	<u>CAS No</u> 70355-99-6	<u>State</u> Gas	<u>Storage Container</u> Cylinder		<u>Pressue</u> > Ambient	<u>Waste Code</u>				
		<u>Type</u> Pure	Days on Site: 365		<u>Temperature</u> Ambient					
DOT: 2.3 - Toxic Gases	CHLORINE	Pounds	90	90	90		- Physical Gas Under Pressure - Physical Oxidizer			
Oxidizing Gas, Gaseous, Corrosive	<u>CAS No</u> ✓ EHS 7782-50-5	<u>State</u> Gas	<u>Storage Container</u> Cylinder		<u>Pressue</u> < Ambient	<u>Waste Code</u>				
		<u>Type</u> Pure	Days on Site: 365		<u>Temperature</u> Ambient		- Health Acute Toxicity - Health Skin Corrosion Irritation - Health Serious Eye Damage Eye Irritation - Health Specific Target Organ Toxicity			
DOT: 2.2 - Nonflammable Gases	Nitrogen	Cu. Feet	289.75	289.75	289.75		- Physical Gas Under Pressure - Health Simple Asphyxiant			
	<u>CAS No</u> 7727-37-9	<u>State</u> Gas	<u>Storage Container</u> Cylinder		<u>Pressue</u> > Ambient	<u>Waste Code</u>				
		<u>Type</u> Pure	Days on Site: 365		<u>Temperature</u> Ambient					
DOT: 2.2 - Nonflammable Gases	NITROUS OXIDE	Cu. Feet	7776	486	4860		- Physical Gas Under Pressure - Physical Oxidizer			
Oxidizing Gas, Gaseous	<u>CAS No</u> 10024-97-2	<u>State</u> Gas	<u>Storage Container</u> Cylinder		<u>Pressue</u> < Ambient	<u>Waste Code</u>				
		<u>Type</u> Pure	Days on Site: 365		<u>Temperature</u> Ambient					
DOT: 2.2 - Nonflammable Gases	Sulfur Hexafluoride	Cu. Feet	288	288	288		- Physical Gas Under Pressure - Health Simple Asphyxiant			
Corrosive	<u>CAS No</u> 2551-62-4	<u>State</u> Gas	<u>Storage Container</u> Cylinder		<u>Pressue</u> < Ambient	<u>Waste Code</u>				
		<u>Type</u> Pure	Days on Site: 365		<u>Temperature</u> Ambient					

Hazardous Materials And Wastes Inventory Matrix Report

CERS Business/Org. AKT America, Inc. Facility Name Applied Materials, Building 92 (formerly AKT America) 3101 Scott Blvd, Santa Clara 95054	Chemical Location <div style="border: 1px solid black; width: 80px; height: 20px; margin: 0 auto;"></div>	CERS ID 10481272 Facility ID 43-010-056385 Status Submitted on 2/17/2021 12:01 PM
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DOT Code/Fire Haz. Class	Common Name	Unit	Quantities			Annual Waste Amount	Federal Hazard Categories	Hazardous Components (For mixture only)		
			Max. Daily	Largest Cont.	Avg. Daily			Component Name	% Wt	EHS CAS No.
	20% helium/ 80% nitrogen	Cu. Feet	627	208	627		- Physical Gas Under Pressure - Health Simple Asphyxiant			
	<u>CAS No</u> 70355-99-6	<u>State</u> Gas	<u>Storage Container</u> Cylinder		<u>Pressue</u> Temperature	<u>Waste Code</u>				
		<u>Type</u> Pure	Days on Site: 365							
DOT: 2.1 - Flammable Gases Unstable (Reactive), Class 2, Flammable Gas	ACETYLENE	Cu. Feet	125	125	125		- Physical Flammable - Physical Gas Under Pressure - Health Specific Target Organ Toxicity			
	<u>CAS No</u> 74-86-2	<u>State</u> Gas	<u>Storage Container</u> Cylinder		<u>Pressue</u> < Ambient	<u>Waste Code</u>				
		<u>Type</u> Pure	Days on Site: 365		<u>Temperature</u> Ambient					
	Helium	Cu. Feet	488	244	488		- Physical Gas Under Pressure - Health Simple Asphyxiant			
	<u>CAS No</u>	<u>State</u> Gas	<u>Storage Container</u> Cylinder		<u>Pressue</u> Temperature	<u>Waste Code</u>				
		<u>Type</u> Pure	Days on Site: 365							
DOT: 2.1 - Flammable Gases Flammable Gas	METHANE	Cu. Feet	286	286	286		- Physical Flammable - Physical Gas Under Pressure - Physical Explosive - Health Simple Asphyxiant			
	<u>CAS No</u> 74-82-8	<u>State</u> Gas	<u>Storage Container</u> Cylinder		<u>Pressue</u> < Ambient	<u>Waste Code</u>				
		<u>Type</u> Pure	Days on Site: 365		<u>Temperature</u> Ambient					
DOT: 2.2 - Nonflammable Gases Oxidizing Gas, Gaseous	NITROUS OXIDE	Cu. Feet	8384	524	8384		- Physical Gas Under Pressure - Physical Oxidizer			
	<u>CAS No</u> 10024-97-2	<u>State</u> Gas	<u>Storage Container</u> Cylinder		<u>Pressue</u> < Ambient	<u>Waste Code</u>				
		<u>Type</u> Pure	Days on Site: 365		<u>Temperature</u> Ambient					
DOT: 2.2 - Nonflammable Gases Corrosive	Sulfur Hexafluoride	Cu. Feet	288	288	288		- Physical Gas Under Pressure - Health Simple Asphyxiant			
	<u>CAS No</u> 2551-62-4	<u>State</u> Gas	<u>Storage Container</u> Cylinder		<u>Pressue</u> > Ambient	<u>Waste Code</u>				
		<u>Type</u> Pure	Days on Site: 365		<u>Temperature</u> Ambient					
DOT: 3 - Flammable and Combustible Liquids Combustible Liquid, Class II	TEOS	Gallons	10	5	10		- Physical Flammable - Health Acute Toxicity - Health Serious Eye Damage Eye Irritation - Health Specific Target Organ Toxicity			
	<u>CAS No</u> 78-10-04	<u>State</u> Liquid	<u>Storage Container</u> Cylinder		<u>Pressue</u> Ambient	<u>Waste Code</u>				
		<u>Type</u> Pure	Days on Site: 365		<u>Temperature</u> Ambient					

Hazardous Materials And Wastes Inventory Matrix Report

CERS Business/Org. AKT America, Inc.	Chemical Location <div style="border: 1px solid black; width: 80px; height: 20px; margin: 0 auto;"></div>	CERS ID 10481272
Facility Name Applied Materials, Building 92 (formerly AKT America) 3101 Scott Blvd, Santa Clara 95054		Facility ID 43-010-056385
		Status Submitted on 2/17/2021 12:01 PM

DOT Code/Fire Haz. Class	Common Name	Unit	Quantities			Annual Waste Amount	Federal Hazard Categories	Hazardous Components (For mixture only)		
			Max. Daily	Largest Cont.	Avg. Daily			Component Name	% Wt	EHS
DOT: 3 - Flammable and Combustible Liquids Combustible Liquid, Class II	DIESEL FUEL <u>CAS No</u> 68334-30-5	Gallons <u>State</u> Liquid <u>Type</u> Pure	660 <u>Storage Container</u> Aboveground Tank, Steel Drum Days on Site: 365	660 <u>Pressure</u> Ambient <u>Temperature</u> Ambient	560 <u>Waste Code</u>	- Physical Flammable - Health Carcinogenicity - Health Acute Toxicity - Health Skin Corrosion Irritation - Health Specific Target Organ Toxicity - Health Aspiration Hazard				

Hazardous Materials And Wastes Inventory Matrix Report

CERS Business/Org. AKT America, Inc.	Chemical Location	CERS ID 10481272
Facility Name Applied Materials, Building 92 (formerly AKT America)	[Redacted]	Facility ID 43-010-056385
3101 Scott Blvd, Santa Clara 95054		Status Submitted on 2/17/2021 12:01 PM

DOT Code/Fire Haz. Class	Common Name	Unit	Quantities			Annual Waste Amount	Federal Hazard Categories	Hazardous Components (For mixture only)		
			Max. Daily	Largest Cont.	Avg. Daily			Component Name	% Wt	EHS CAS No.
DOT: 9 - Misc. Hazardous Materials	Microposit MF-319 Developer (contains TMAH)	Gallons	48	1	48		- Physical	Tetramethylammonium hydroxide	2 %	75-59-2
		<u>State</u>	<u>Storage Container</u>		<u>Pressue</u>		Corrosive To			
Corrosive	<u>CAS No</u> 79-59-2	Liquid	Plastic Bottle or Jug		Ambient	<u>Waste Code</u>	Metal	Water	95 %	7732-18-5
		<u>Type</u>	Mixture	Days on Site: 365	<u>Temperature</u>		- Health Acute	Surfactant	1 %	
					Ambient		Toxicity			
							- Health Skin			
							Corrosion			
							Irritation			
							- Health Serious			
							Eye Damage Eye			
							Irritation			
							- Health Specific			
							Target Organ			
							Toxicity			
DOT: 8 - Corrosives (Liquids and Solids)	Sodium Hydroxide (1-50%)	Gallons	30	1	20		- Health Skin	Sodium Hydroxide	30 %	1310-73-2
	<u>CAS No</u>	<u>State</u>	<u>Storage Container</u>		<u>Pressue</u>		Corrosion			
	1310-73-2	Liquid	Plastic/Non-metalic Drum		Ambient	<u>Waste Code</u>	Irritation	Water	70 %	7732-18-5
Corrosive		<u>Type</u>	Mixture	Days on Site: 365	<u>Temperature</u>		- Health Serious			
					Ambient		Eye Damage Eye			
							Irritation			

Hazardous Materials And Wastes Inventory Matrix Report

CERS Business/Org. AKT America, Inc.	Chemical Location <div style="border: 1px solid black; width: 100px; height: 20px; margin: 0 auto;"></div>	CERS ID 10481272
Facility Name Applied Materials, Building 92 (formerly AKT America)		Facility ID 43-010-056385
3101 Scott Blvd, Santa Clara 95054		Status Submitted on 2/17/2021 12:01 PM

DOT Code/Fire Haz. Class	Common Name	Unit	Quantities			Annual Waste Amount	Federal Hazard Categories	Hazardous Components (For mixture only)		
			Max. Daily	Largest Cont.	Avg. Daily			Component Name	% Wt	EHS CAS No.
DOT: 8 - Corrosives (Liquids and Solids)	HF DIL 1:100	Pounds	200	10	200		- Health Acute Toxicity	Hydrofluoric Acid	1 %	✓ 7664-39-3
Corrosive	CAS No. <input checked="" type="checkbox"/> EHS	State	Storage Container		Pressue		- Health Skin			
		Liquid	Plastic Bottle or Jug		Ambient	Waste Code	Corrosion			
		Type			Temperature	791	Irritation			
		Mixture	Days on Site: 365		Ambient		- Health Serious Eye Damage Eye Irritation			
DOT: 8 - Corrosives (Liquids and Solids)	HYDROFLUORIC ACID 49%	Pounds	120	10	120		- Health Acute Toxicity	Hydrofluoric Acid	49 %	✓ 7664-39-3
Corrosive	CAS No. <input checked="" type="checkbox"/> EHS	State	Storage Container		Pressue		- Health Skin			
		Liquid	Plastic Bottle or Jug		Ambient	Waste Code	Corrosion			
		Type			Temperature		Irritation			
		Mixture	Days on Site: 365		Ambient		- Health Serious Eye Damage Eye Irritation			
Corrosive	NON_RCRA HAZARDOUS WASTE - WATER SLUDGE MIX	Pounds	1080	55	55	140	- Health Skin Corrosion	AWN Water/Sludge	100 %	
	CAS No. MISC	State	Storage Container		Pressue	Waste Code	Irritation			
		Liquid	Plastic/Non-metalic Drum		Ambient	135				
		Type			Temperature					
		Waste	Days on Site: 365		Ambient					
DOT: 9 - Misc. Hazardous Materials	NON-RCRA HAZARDOUS WASTE SOLID (COOLING TOWER DEBRIS)	Pounds	525	55	55	300	- Health Skin Corrosion	COOLING TOWER DESCALENT	100 %	
Corrosive	CAS No. Misc	State	Storage Container		Pressue	Waste Code	Irritation			
		Solid	Plastic/Non-metalic Drum		Ambient	181				
		Type			Temperature					
		Waste	Days on Site: 365		Ambient					

Hazardous Materials And Wastes Inventory Matrix Report

CERS Business/Org. AKT America, Inc. Facility Name Applied Materials, Building 92 (formerly AKT America) 3101 Scott Blvd, Santa Clara 95054	Chemical Location <div style="border: 1px solid black; width: 100px; height: 20px; margin: 0 auto;"></div>	CERS ID 10481272 Facility ID 43-010-056385 Status Submitted on 2/17/2021 12:01 PM
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DOT Code/Fire Haz. Class	Common Name	Unit	Quantities			Annual Waste Amount	Federal Hazard Categories	Hazardous Components (For mixture only)		
			Max. Daily	Largest Cont.	Avg. Daily			Component Name	% Wt	EHS CAS No.
Corrosive, Water Reactive, Class 1	RCRA HAZARDOUS WASTE - HF	Gallons	80	1	1	80	- Health Acute			
	<u>CAS No</u>	<u>State</u>	<u>Storage Container</u>		<u>Pressue</u>	<u>Waste Code</u>	Toxicity			
		Liquid	Plastic/Non-metalic Drum				- Health Skin			
		<u>Type</u>			<u>Temperature</u>		Corrosion			
	Mixture	Days on Site: 365				Irritation				
DOT: 8 - Corrosives (Liquids and Solids)	SULFURIC ACID 10-49%	Pounds	220	55	220		- Physical	Sulfuric Acid	22 %	✓ 7664-93-9
Corrosive, Water Reactive, Class 1	<u>CAS No</u> ✓ EHS	<u>State</u>	<u>Storage Container</u>		<u>Pressue</u>	<u>Waste Code</u>	Corrosive To			
	7664-93-9	Liquid	Plastic/Non-metalic Drum		Ambient	791	Metal			
		<u>Type</u>			<u>Temperature</u>		- Health Skin			
	Mixture	Days on Site: 365			Ambient		Corrosion			
							Irritation			
							- Health Serious			
							Eye Damage Eye			
							Irritation			

Hazardous Materials And Wastes Inventory Matrix Report

CERS Business/Org. AKT America, Inc. Facility Name Applied Materials, Building 92 (formerly AKT America) 3101 Scott Blvd, Santa Clara 95054	Chemical Location <div style="border: 1px solid black; width: 100px; height: 20px; margin: 0 auto;"></div>	CERS ID 10481272 Facility ID 43-010-056385 Status Submitted on 2/17/2021 12:01 PM
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DOT Code/Fire Haz. Class	Common Name	Unit	Quantities			Annual Waste Amount	Federal Hazard Categories	Hazardous Components (For mixture only)		
			Max. Daily	Largest Cont.	Avg. Daily			Component Name	% Wt	EHS CAS No.
DOT: 4.1 - Flammable Solids	HAZARDOUS WASTE SOLID, DEBRIS CONTAMINATED WITH ACETONE	Pounds	110	55	55	1600	- Physical	ACETONE		67-64-1
Flammable Solid	<u>State</u> Solid <u>CAS No</u> None	<u>Storage Container</u> Other <u>Type</u> Waste	Days on Site: 365		<u>Pressue</u> Ambient <u>Temperature</u> Ambient	<u>Waste Code</u> 352	Flammable - Physical Hazard Not Otherwise Classified - Health Serious Eye Damage Eye Irritation - Health Specific Target Organ Toxicity			
DOT: 4.1 - Flammable Solids	HAZARDOUS WASTE SOLID, DEBRIS CONTAMINATED WITH ACETONE	Pounds	110	55	55	2690	- Physical	ACETONE		67-64-1
Flammable Solid	<u>State</u> Solid <u>CAS No</u> None	<u>Storage Container</u> Steel Drum <u>Type</u> Waste	Days on Site: 365		<u>Pressue</u> Ambient <u>Temperature</u> Ambient	<u>Waste Code</u> 352	Flammable - Physical Hazard Not Otherwise Classified - Health Serious Eye Damage Eye Irritation - Health Specific Target Organ Toxicity			

Hazardous Materials And Wastes Inventory Matrix Report

CERS Business/Org. AKT America, Inc.	Chemical Location <div style="border: 1px solid black; width: 80px; height: 20px; margin: 0 auto;"></div>	CERS ID 10481272
Facility Name Applied Materials, Building 92 (formerly AKT America)		Facility ID 43-010-056385
3101 Scott Blvd, Santa Clara 95054		Status Submitted on 2/17/2021 12:01 PM

DOT Code/Fire Haz. Class	Common Name	Unit	Quantities			Annual Waste Amount	Federal Hazard Categories	Hazardous Components (For mixture only)		
			Max. Daily	Largest Cont.	Avg. Daily			Component Name	% Wt	EHS CAS No.
DOT: 2.1 - Flammable Gases	AMMONIA	Pounds	347.2	49.6	347.2		- Physical			
Corrosive, Flammable Gas	CAS No <input checked="" type="checkbox"/> EHS 7664-41-7	State Gas	Storage Container Cylinder		Pressue < Ambient	Waste Code 141	- Flammable - Physical Gas - Under Pressure - Health Acute - Toxicity - Health Skin - Corrosion - Irritation - Health Serious - Eye Damage Eye - Irritation			
		Type Pure	Days on Site: 365		Temperature Ambient					
DOT: 2.2 - Nonflammable Gases	ARGON COMPRESSED	Cu. Feet	1128	282	1128		- Physical Gas - Under Pressure			
	CAS No 7440-37-1	State Gas	Storage Container Cylinder		Pressue < Ambient	Waste Code	- Health Simple - Asphyxiant			
		Type Pure	Days on Site: 365		Temperature Ambient					
DOT: 2.2 - Nonflammable Gases	ARGON, LIQUID	Gallons	243.04	60.7614	243.04		- Physical Gas - Under Pressure			
Cryogen	CAS No 7440-37-1	State Gas	Storage Container Cylinder		Pressue < Ambient	Waste Code	- Health Simple - Asphyxiant			
		Type Pure	Days on Site: 365		Temperature Ambient					
	Carbon Dioxide	Cu. Feet	1048.8	524.4	1048.8		- Physical Gas - Under Pressure			
	CAS No 124-38-9	State Gas	Storage Container Cylinder		Pressue	Waste Code	- Health Simple - Asphyxiant			
		Type Pure	Days on Site: 365		Temperature					
DOT: 2.1 - Flammable Gases	DIBORANE IN HYDROGEN	Cu. Feet	392	196	392		- Physical - Flammable	HYDROGEN	100 %	1333-74-0
Flammable Gas, Water Reactive, Class 2	CAS No	State Gas	Storage Container Cylinder		Pressue < Ambient	Waste Code	- Physical Gas - Under Pressure - Health Acute - Toxicity - Health Skin - Corrosion - Irritation - Health Serious - Eye Damage Eye - Irritation - Health Specific - Target Organ - Toxicity - Health Simple - Asphyxiant	DIBORANE	1 %	<input checked="" type="checkbox"/> 19287-45-7
		Type Mixture	Days on Site: 365		Temperature Ambient					

Hazardous Materials And Wastes Inventory Matrix Report

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DOT Code/Fire Haz. Class	Common Name	Unit	Quantities			Annual Waste Amount	Federal Hazard Categories	Hazardous Components (For mixture only)		
			Max. Daily	Largest Cont.	Avg. Daily			Component Name	% Wt	EHS CAS No.
DOT: 2.2 - Nonflammable Gases	HELIUM	Cu. Feet	1715	245	1715		- Physical Gas			
	CAS No 7440-59-7	State Gas	Storage Container Cylinder		Pressue < Ambient	Waste Code	Under Pressure			
		Type Pure	Days on Site: 365		Temperature Ambient		- Health Simple			
							Asphyxiant			
DOT: 2.2 - Nonflammable Gases	HELIUM 20%, NITROGEN 80%	Cu. Feet	2556	213	2556		- Physical Gas	Helium	20 %	7440-59-7
	CAS No NA	State Gas	Storage Container Cylinder		Pressue Ambient	Waste Code	Under Pressure	Nitrogen	80 %	7727-37-9
		Type Mixture	Days on Site: 365		Temperature Ambient		- Health Simple			
							Asphyxiant			
DOT: 2.2 - Nonflammable Gases	NITROGEN	Cu. Feet	765	255	765		- Physical Gas			
	CAS No 7727-37-9	State Gas	Storage Container Cylinder		Pressue < Ambient	Waste Code	Under Pressure			
		Type Pure	Days on Site: 365		Temperature Ambient		- Health Simple			
							Asphyxiant			
DOT: 2.2 - Nonflammable Gases	NITROGEN TRIFLUORIDE	Cu. Feet	239	239	239		- Physical Gas			
Oxidizing Gas, Gaseous	CAS No 7783-54-2	State Gas	Storage Container Cylinder		Pressue < Ambient	Waste Code	Under Pressure			
		Type Pure	Days on Site: 365		Temperature Ambient		- Physical Oxidizer			
							- Health Acute Toxicity			
							- Health Specific Target Organ Toxicity			
							- Health Simple Asphyxiant			
DOT: 2.2 - Nonflammable Gases	Nitrous Oxide	Cu. Feet	8384	524	8384		- Physical Gas			
Oxidizing Gas, Gaseous	CAS No 10024-97-2	State Gas	Storage Container Cylinder		Pressue < Ambient	Waste Code	Under Pressure			
		Type Pure	Days on Site: 365		Temperature Ambient		- Physical Oxidizer			
DOT: 2.2 - Nonflammable Gases	OXYGEN	Cu. Feet	976	244	976		- Physical Gas			
Oxidizing, Class 2	CAS No 7782-44-7	State Gas	Storage Container Cylinder		Pressue < Ambient	Waste Code	Under Pressure			
		Type Pure	Days on Site: 365		Temperature Ambient		- Physical Oxidizer			

Hazardous Materials And Wastes Inventory Matrix Report

CERS Business/Org. AKT America, Inc. Facility Name Applied Materials, Building 92 (formerly AKT America) 3101 Scott Blvd, Santa Clara 95054	Chemical Location <div style="border: 1px solid black; width: 80px; height: 20px; margin: 0 auto;"></div>	CERS ID 10481272 Facility ID 43-010-056385 Status Submitted on 2/17/2021 12:01 PM
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DOT Code/Fire Haz. Class	Common Name	Unit	Quantities			Annual Waste Amount	Federal Hazard Categories	Hazardous Components (For mixture only)			
			Max. Daily	Largest Cont.	Avg. Daily			Component Name	% Wt	EHS	CAS No.
Flammable Gas	Phosphine (PH3) in Hydrogen	Pounds	234	78	200		- Physical	Phosphine	10 %	✓	7803-51-2
	<u>CAS No</u>	<u>State</u>	<u>Storage Container</u>		<u>Pressue</u>	<u>Waste Code</u>	Flammable	Hydrogen	90 %		1333-74-0
	<u>Gas</u>	<u>Gas</u>	<u>Cylinder</u>		<u>> Ambient</u>		- Physical Gas				
	<u>Type</u>	<u>Mixture</u>	<u>Days on Site: 365</u>		<u>Temperature</u>		Under Pressure				
Pyrophoric	SILANE	Cu. Feet	1872	312	1872		- Physical				
	<u>CAS No</u>	<u>State</u>	<u>Storage Container</u>		<u>Pressue</u>	<u>Waste Code</u>	Flammable				
	<u>7803-62-5</u>	<u>Gas</u>	<u>Cylinder</u>		<u>< Ambient</u>		- Physical Gas				
	<u>Pure</u>	<u>Pure</u>	<u>Days on Site: 365</u>		<u>Ambient</u>		Under Pressure				
Corrosive, Water Reactive, Class 2	Silicon Tetrafluoride	Cu. Feet	147.6	147.6	147.6		- Physical Gas				
	<u>CAS No</u>	<u>State</u>	<u>Storage Container</u>		<u>Pressue</u>	<u>Waste Code</u>	Under Pressure				
	<u>7783-61-1</u>	<u>Gas</u>	<u>Cylinder</u>		<u>> Ambient</u>		- Health Acute				
	<u>Pure</u>	<u>Pure</u>	<u>Days on Site: 365</u>		<u>Ambient</u>		Toxicity				
Corrosive	Sulfur Hexafluoride	Cu. Feet	288	288	288		- Physical Gas				
	<u>CAS No</u>	<u>State</u>	<u>Storage Container</u>		<u>Pressue</u>	<u>Waste Code</u>	Under Pressure				
	<u>2551-62-4</u>	<u>Gas</u>	<u>Cylinder</u>				- Health Simple				
	<u>Pure</u>	<u>Pure</u>	<u>Days on Site: 365</u>		<u>Temperature</u>		Asphyxiant				

Hazardous Materials And Wastes Inventory Matrix Report

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Facility Name Applied Materials, Building 92 (formerly AKT America)		Facility ID 43-010-056385
3101 Scott Blvd, Santa Clara 95054		Status Submitted on 2/17/2021 12:01 PM

DOT Code/Fire Haz. Class	Common Name	Unit	Quantities			Annual Waste Amount	Federal Hazard Categories	Hazardous Components (For mixture only)		
			Max. Daily	Largest Cont.	Avg. Daily			Component Name	% Wt	EHS CAS No.
	Anionic Polyacrylamide <small>CAS No</small>	Gallons	220	55	220					
		<small>State</small>	<small>Storage Container</small>		<small>Pressue</small>	<small>Waste Code</small>				
		<small>Liquid</small>	Plastic/Non-metalic Drum		<small>Ambient</small>					
		<small>Type</small>			<small>Temperature</small>					
		<small>Mixture</small>	Days on Site: 365		<small>Ambient</small>					
	Calcium chloride <small>CAS No</small> 10043-52-4	Gallons	1000	1000	500		- Health Serious Eye Damage Eye Irritation			
		<small>State</small>	<small>Storage Container</small>		<small>Pressue</small>	<small>Waste Code</small>				
		<small>Liquid</small>	Aboveground Tank		<small>Ambient</small>					
		<small>Type</small>			<small>Temperature</small>					
		<small>Pure</small>	Days on Site: 365		<small>Ambient</small>					
Corrosive	Calcium Fluoride with other non-RCRA solid waste <small>CAS No</small>	Pounds	3000	1000	1000	8000				
		<small>State</small>	<small>Storage Container</small>		<small>Pressue</small>	<small>Waste Code</small>				
		<small>Solid</small>	Aboveground Tank		<small>Ambient</small>					
		<small>Type</small>			<small>Temperature</small>					
		<small>Waste</small>	Days on Site: 365							
DOT: 9 - Misc. Hazardous Materials	CORROSIVE WASTEWATER <small>CAS No</small>	Gallons	26750	2500	15769	5796350	- Health Skin Corrosion Irritation			
Corrosive		<small>State</small>	<small>Storage Container</small>		<small>Pressue</small>	<small>Waste Code</small>				
		<small>Liquid</small>	Aboveground Tank		<small>Ambient</small>	135				
		<small>Type</small>			<small>Temperature</small>					
		<small>Waste</small>	Days on Site: 365		<small>Ambient</small>					
DOT: 9 - Misc. Hazardous Materials	NON-RCRA HAZARDOUS WASTE LIQUID <small>CAS No</small> 7664-39-3	Gallons	50	200	20	50	- Health Acute Toxicity - Health Skin Corrosion Irritation - Health Serious Eye Damage Eye Irritation - Health Specific Target Organ Toxicity - Health Aspiration Hazard	Hydroflouric Acid < 60%		7664-39-3
Corrosive		<small>State</small>	<small>Storage Container</small>		<small>Pressue</small>	<small>Waste Code</small>				
		<small>Liquid</small>	Aboveground Tank		<small>Ambient</small>	791				
		<small>Type</small>			<small>Temperature</small>					
		<small>Waste</small>	Days on Site: 365		<small>Ambient</small>					
DOT: 8 - Corrosives (Liquids and Solids)	Sodium Hydroxide (1-50%) <small>CAS No</small> 1310-73-2	Gallons	225	225	200		- Health Skin Corrosion Irritation - Health Serious Eye Damage Eye Irritation	Sodium Hydroxide Water	30 % 70 %	1310-73-2 7732-18-5
Corrosive		<small>State</small>	<small>Storage Container</small>		<small>Pressue</small>	<small>Waste Code</small>				
		<small>Liquid</small>	Aboveground Tank		<small>Ambient</small>					
		<small>Type</small>			<small>Temperature</small>					
		<small>Mixture</small>	Days on Site: 365		<small>Ambient</small>					

Hazardous Materials And Wastes Inventory Matrix Report

CERS Business/Org. AKT America, Inc.	Chemical Location <div style="border: 1px solid black; width: 80px; height: 20px; margin: 0 auto;"></div>	CERS ID 10481272
Facility Name Applied Materials, Building 92 (formerly AKT America) 3101 Scott Blvd, Santa Clara 95054		Facility ID 43-010-056385
		Status Submitted on 2/17/2021 12:01 PM

DOT Code/Fire Haz. Class	Common Name	Unit	Quantities			Annual Waste Amount	Federal Hazard Categories	Hazardous Components (For mixture only)		
			Max. Daily	Largest Cont.	Avg. Daily			Component Name	% Wt	EHS
DOT: 8 - Corrosives (Liquids and Solids)	SULFURIC ACID 10-49%	Pounds	2445	2445	2174	- Physical	Sulfuric Acid	22 %	7664-93-9	
Corrosive, Water Reactive, Class 1	CAS No. <u>7664-93-9</u> <input checked="" type="checkbox"/> EHS	State <u>Liquid</u>	Storage Container <u>Aboveground Tank</u>		Pressure <u>Ambient</u>	Waste Code <u>791</u>	Corrosive To Metal - Health Skin Corrosion Irritation - Health Serious Eye Damage Eye Irritation			
		Type <u>Mixture</u>	Days on Site: 365		Temperature <u>Ambient</u>					

Hazardous Materials And Wastes Inventory Matrix Report

CERS Business/Org. AKT America, Inc.	Chemical Location	CERS ID 10481272
Facility Name Applied Materials, Building 92 (formerly AKT America) 3101 Scott Blvd, Santa Clara 95054	[Redacted]	Facility ID 43-010-056385
		Status Submitted on 2/17/2021 12:01 PM

DOT Code/Fire Haz. Class	Common Name	Unit	Quantities			Annual Waste Amount	Federal Hazard Categories	Hazardous Components (For mixture only)		
			Max. Daily	Largest Cont.	Avg. Daily			Component Name	% Wt	EHS
DOT: 2.1 - Flammable Gases Flammable Gas	HYDROGEN <u>CAS No</u> 1333-74-0	Cu. Feet <u>State</u> Gas <u>Type</u> Pure	16000 <u>Storage Container</u> Aboveground Tank, Cylinder Days on Site: 365	8000	16000	<u>Pressue</u> < Ambient <u>Temperature</u> Ambient	<u>Waste Code</u> - Physical - Flammable - Physical Gas - Under Pressure - Health Simple - Asphyxiant			

Hazardous Materials And Wastes Inventory Matrix Report

CERS Business/Org. AKT America, Inc. Facility Name Applied Materials, Building 92 (formerly AKT America) 3101 Scott Blvd, Santa Clara 95054	Chemical Location <div style="border: 1px solid black; width: 60px; height: 20px; margin: 0 auto;"></div>	CERS ID 10481272 Facility ID 43-010-056385 Status Submitted on 2/17/2021 12:01 PM
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DOT Code/Fire Haz. Class	Common Name	Unit	Quantities			Annual Waste Amount	Federal Hazard Categories	Hazardous Components (For mixture only)		
			Max. Daily	Largest Cont.	Avg. Daily			Component Name	% Wt	EHS
DOT: 2.2 - Nonflammable Gases	CARBON DIOXIDE	Cu. Feet	481	481	481		- Physical Gas Under Pressure			
	<u>CAS No</u> 124-38-9	<u>State</u> Gas	<u>Storage Container</u> Cylinder		<u>Pressue</u> < Ambient	<u>Waste Code</u>	- Health Simple Asphyxiant			
		<u>Type</u> Pure	Days on Site: 365		<u>Temperature</u> Ambient					
DOT: 8 - Corrosives (Liquids and Solids)	Titanium Tetrachloride	Pounds	0.05	0.05	0.05		- Physical Hazard Not Otherwise Classified			
Corrosive, Water Reactive, Class 2	<u>CAS No</u> 7550-45-0 <input checked="" type="checkbox"/> EHS	<u>State</u> Liquid	<u>Storage Container</u> Other		<u>Pressue</u>	<u>Waste Code</u>	- Health Acute Toxicity - Health Skin Corrosion Irritation - Health Serious Eye Damage Eye Irritation - Health Specific Target Organ Toxicity - Health Hazard Not Otherwise Classified			
		<u>Type</u> Pure	Days on Site: 365		<u>Temperature</u>					

Hazardous Materials And Wastes Inventory Matrix Report

CERS Business/Org. AKT America, Inc. Facility Name Applied Materials, Building 92 (formerly AKT America) 3101 Scott Blvd, Santa Clara 95054	Chemical Location <div style="background-color: #cccccc; width: 50px; height: 20px; margin: 0 auto;"></div>	CERS ID 10481272 Facility ID 43-010-056385 Status Submitted on 2/17/2021 12:01 PM
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DOT Code/Fire Haz. Class	Common Name	Unit	Quantities			Annual Waste Amount	Federal Hazard Categories	Hazardous Components (For mixture only)		
			Max. Daily	Largest Cont.	Avg. Daily			Component Name	% Wt	EHS
DOT: 2.3 - Toxic Gases Corrosive, Water Reactive, Class 1	Boron Trichloride CAS No. 10294-34-5 <input checked="" type="checkbox"/> EHS	Pounds State Gas Storage Container Cylinder Type Pure Days on Site: 365	10	5	5	- Physical Gas Under Pressure - Health Acute Toxicity - Health Skin Corrosion Irritation				

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DOT Code/Fire Haz. Class	Common Name	Unit	Quantities			Annual Waste Amount	Federal Hazard Categories	Hazardous Components (For mixture only)		
			Max. Daily	Largest Cont.	Avg. Daily			Component Name	% Wt	EHS
DOT: 2.2 - Nonflammable Gases	Sulfur Hexafluoride	Cu. Feet	576	288	576		- Physical Gas Under Pressure - Health Simple Asphyxiant			
	<u>CAS No</u> 2551-62-4	<u>State</u> Gas	<u>Storage Container</u> Cylinder		<u>Pressue</u> > Ambient	<u>Waste Code</u>				
		<u>Type</u> Pure	Days on Site: 365		<u>Temperature</u> Ambient					

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DOT Code/Fire Haz. Class	Common Name	Unit	Quantities			Annual Waste Amount	Federal Hazard Categories	Hazardous Components (For mixture only)		
			Max. Daily	Largest Cont.	Avg. Daily			Component Name	% Wt	EHS CAS No.
	20% helium / 80% nitrogen	Cu. Feet	209	209	209		- Physical Gas Under Pressure - Health Simple Asphyxiant	Helium Nitrogen	20 % 80 %	
	<u>CAS No</u> 70355-99-6	<u>State</u> Gas <u>Type</u> Pure	<u>Storage Container</u> Cylinder Days on Site: 365		<u>Pressue</u> > Ambient <u>Temperature</u> Ambient	<u>Waste Code</u>				
DOT: 2.2 - Nonflammable Gases	ARGON COMPRESSED	Cu. Feet	280	280	280		- Physical Gas Under Pressure - Health Simple Asphyxiant			
	<u>CAS No</u> 7440-37-1	<u>State</u> Gas <u>Type</u> Pure	<u>Storage Container</u> Cylinder Days on Site: 365		<u>Pressue</u> < Ambient <u>Temperature</u> Ambient	<u>Waste Code</u>				
DOT: 2.2 - Nonflammable Gases	CARBON DIOXIDE	Cu. Feet	481	481	481		- Physical Gas Under Pressure - Health Simple Asphyxiant			
	<u>CAS No</u> 124-38-9	<u>State</u> Gas <u>Type</u> Pure	<u>Storage Container</u> Cylinder Days on Site: 365		<u>Pressue</u> > Ambient <u>Temperature</u> Ambient	<u>Waste Code</u>				

Hazardous Materials And Wastes Inventory Matrix Report

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DOT Code/Fire Haz. Class	Common Name	Unit	Quantities			Annual Waste Amount	Federal Hazard Categories	Hazardous Components (For mixture only)		
			Max. Daily	Largest Cont.	Avg. Daily			Component Name	% Wt	EHS
Flammable Gas	Hydrogen <u>CAS No</u> 70356-01-3	Cu. Feet <u>State</u> Gas <u>Type</u> Pure	250	250	250	 <u>Pressue</u> <u>Waste Code</u>	- Physical Flammable - Physical Gas Under Pressure - Health Simple Asphyxiant			
		Days on Site: 365								

Hazardous Materials And Wastes Inventory Matrix Report

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DOT Code/Fire Haz. Class	Common Name	Unit	Quantities			Annual Waste Amount	Federal Hazard Categories	Hazardous Components (For mixture only)		
			Max. Daily	Largest Cont.	Avg. Daily			Component Name	% Wt	EHS
Cryogen	ARGON, LIQUID	Gallons	121.52	60.76	121.52		- Physical Gas			
	<u>CAS No</u>	<u>State</u>	<u>Storage Container</u>		<u>Pressue</u>	<u>Waste Code</u>	Under Pressure			
	7440-37-1	Liquid	Other				- Health Simple			
		<u>Type</u>			<u>Temperature</u>		Asphyxiant			
		Pure	Days on Site: 365							
DOT: 2.2 - Nonflammable Gases Oxidizing, Class 2	Oxygen	Cu. Feet	256	256	256		- Physical Gas			
	<u>CAS No</u>	<u>State</u>	<u>Storage Container</u>		<u>Pressue</u>	<u>Waste Code</u>	Under Pressure			
	7782-44-7	Gas	Cylinder				- Physical Oxidizer			
		<u>Type</u>			<u>Temperature</u>					
		Pure	Days on Site: 365							

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DOT Code/Fire Haz. Class	Common Name	Unit	Quantities			Annual Waste Amount	Federal Hazard Categories	Hazardous Components (For mixture only)		
			Max. Daily	Largest Cont.	Avg. Daily			Component Name	% Wt	EHS
DOT: 2.2 - Nonflammable Gases	ARGON COMPRESSED	Cu. Feet	255	255	255		- Physical Gas			
	<u>CAS No</u>	<u>State</u>	<u>Storage Container</u>		<u>Pressue</u>	<u>Waste Code</u>	Under Pressure			
	7440-37-1	Gas	Cylinder		< Ambient		- Health Simple			
		<u>Type</u>			<u>Temperature</u>		Asphyxiant			
	Pure	Days on Site: 365		Ambient						
	Galden	Gallons	40	5	40					
	<u>CAS No</u>	<u>State</u>	<u>Storage Container</u>		<u>Pressue</u>	<u>Waste Code</u>				
	69991-67-9	Liquid	Plastic Bottle or Jug							
		<u>Type</u>			<u>Temperature</u>					
	Pure	Days on Site: 365								
DOT: 8 - Corrosives (Liquids and Solids)	HF Dip 100:1	Pounds	33.48	8.37	33.48		- Health Acute	Hydrofluoric Acid	1 %	✓ 7664-39-3
	<u>CAS No</u>	<u>State</u>	<u>Storage Container</u>		<u>Pressue</u>	<u>Waste Code</u>	Toxicity			
		✓ EHS	Liquid	Plastic Bottle or Jug		Ambient		- Health Skin		
		<u>Type</u>			<u>Temperature</u>		Corrosion			
	Mixture	Days on Site: 365		Ambient		Irritation				
						- Health Serious				
						Eye Damage Eye				
						Irritation				
						- Health Specific				
						Target Organ				
						Toxicity				
						- Health				
						Aspiration Hazard				
DOT: 8 - Corrosives (Liquids and Solids)	Hydrofluoric Acid 49%	Pounds	96	9.6	96		- Health Acute	Hydrofluoric Acid	49 %	✓ 7664-39-3
	<u>CAS No</u>	<u>State</u>	<u>Storage Container</u>		<u>Pressue</u>	<u>Waste Code</u>	Toxicity			
		✓ EHS	Liquid	Plastic Bottle or Jug		Ambient		- Health Skin		
		<u>Type</u>			<u>Temperature</u>		Corrosion			
	Mixture	Days on Site: 365		Ambient		Irritation				
						- Health Serious				
						Eye Damage Eye				
						Irritation				
						- Health Specific				
						Target Organ				
						Toxicity				
						- Health				
						Aspiration Hazard				

Hazardous Materials And Wastes Inventory Matrix Report

CERS Business/Org. AKT America, Inc.	Chemical Location <div style="border: 1px solid black; width: 50px; height: 20px; margin: 0 auto;"></div>	CERS ID 10481272
Facility Name Applied Materials, Building 92 (formerly AKT America)		Facility ID 43-010-056385
3101 Scott Blvd, Santa Clara 95054		Status Submitted on 2/17/2021 12:01 PM

DOT Code/Fire Haz. Class	Common Name	Unit	Quantities			Annual Waste Amount	Federal Hazard Categories	Hazardous Components (For mixture only)		
			Max. Daily	Largest Cont.	Avg. Daily			Component Name	% Wt	EHS CAS No.
Corrosive	Hydrofluoric Acid 600:1	Pounds	3.6	1.2	3.6		- Health Acute			
	<u>CAS No</u> ✓ EHS	<u>State</u>	<u>Storage Container</u>		<u>Pressure</u>	<u>Waste Code</u>	Toxicity			
		Liquid	Plastic Bottle or Jug				- Health Skin			
		<u>Type</u>			<u>Temperature</u>		Corrosion			
	Pure	Days on Site: 365				Irritation				
Corrosive	Microposit MF-319 Developer (contains TMAH)	Gallons	14	1	14		- Physical	Tetramethylammonium hydroxide	2 %	75-59-2
	<u>CAS No</u>	<u>State</u>	<u>Storage Container</u>		<u>Pressure</u>	<u>Waste Code</u>	Corrosive To	Water	95 %	7732-18-5
		Liquid	Plastic Bottle or Jug		Ambient		Metal	Surfactant	1 %	
		<u>Type</u>			<u>Temperature</u>		- Health Acute			
	Mixture	Days on Site: 365		Ambient		Toxicity				
DOT: 8 - Corrosives (Liquids and Solids) Corrosive, Oxidizing, Class 2	Nitric Acid	Pounds	1.2	1.2	1.2		- Physical Oxidizer			
	<u>CAS No</u> ✓ EHS	<u>State</u>	<u>Storage Container</u>		<u>Pressure</u>	<u>Waste Code</u>	- Physical			
	7697-37-2	Liquid	Plastic Bottle or Jug			791	Corrosive To			
		<u>Type</u>			<u>Temperature</u>		Metal			
	Pure	Days on Site: 365				- Health Skin				
						Corrosion				
						Irritation				
						- Health Serious				
						Eye Damage Eye				
						Irritation				

Hazardous Materials And Wastes Inventory Matrix Report

CERS Business/Org. AKT America, Inc. Facility Name Applied Materials, Building 92 (formerly AKT America) 3101 Scott Blvd, Santa Clara 95054	Chemical Location <div style="border: 1px solid black; width: 100px; height: 20px; margin: 0 auto;"></div>	CERS ID 10481272 Facility ID 43-010-056385 Status Submitted on 2/17/2021 12:01 PM
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DOT Code/Fire Haz. Class	Common Name	Unit	Quantities			Annual Waste Amount	Federal Hazard Categories	Hazardous Components (For mixture only)		
			Max. Daily	Largest Cont.	Avg. Daily			Component Name	% Wt	EHS CAS No.
DOT: 2.2 - Nonflammable Gases	OXYGEN	Cu. Feet	244	244	244		- Physical Gas			
Oxidizing, Class 2	<u>CAS No</u> 7782-44-7	<u>State</u> Gas	<u>Storage Container</u> Cylinder		<u>Pressue</u> < Ambient	<u>Waste Code</u>	Under Pressure			
		<u>Type</u> Pure	Days on Site: 365		<u>Temperature</u> Ambient		- Physical Oxidizer			

Digital Realty Trust

1100 Space Park Drive

Not CalARP Regulated

Approximately 0.27 mile from site

2/25/21 Haz Mat Inventory

Hazardous Materials And Wastes Inventory Matrix Report

CERS Business/Org. Digital Realty Trust, LP Facility Name 1100 Space Park, LLC 1100 Space Park Dr, Santa Clara 95054	Chemical Location <div style="border: 1px solid black; width: 100px; height: 20px; margin: 0 auto;"></div>	CERS ID 10416349 Facility ID 43-010-208480 Status Submitted on 2/25/2021 2:17 PM
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DOT Code/Fire Haz. Class	Common Name	Unit	Quantities			Annual Waste Amount	Federal Hazard Categories	Hazardous Components (For mixture only)		
			Max. Daily	Largest Cont.	Avg. Daily			Component Name	% Wt	EHS CAS No.
DOT: 8 - Corrosives (Liquids and Solids)	Lead Acid battery - Absorbed	Gallons	10901	4.6	10901	- Physical	Lead, inorganic	67 %	7439-92	
	glass mat (AGM) design aka VRLA	<u>State</u>	<u>Storage Container</u>		<u>Pressure</u>	Flammable				
Corrosive	<u>CAS No</u>	<u>Solid</u>	<u>Other</u>		<u>Ambient</u>	- Physical	Sulfuric acid	10 %	✓ 7664-93-9	
		<u>Type</u>	<u>Mixture</u>	Days on Site: 365	<u>Temperature</u>	792	Explosive	Antimony	0 %	7440-36-0
					<u>> Ambient</u>	- Physical	Arsenic	0 %	7440-38-2	
						Corrosive To Metal	Tin	0 %	7440-31-5	
						- Health				
						Carcinogenicity				
						- Health Acute				
						Toxicity				
						- Health				
						Reproductive				
						Toxicity				
						- Health Skin				
						Corrosion				
						Irritation				
						- Health Serious				
						Eye Damage Eye				
						Irritation				
						- Health Specific				
						Target Organ				
						Toxicity				
						- Health				
						Aspiration Hazard				

Hazardous Materials And Wastes Inventory Matrix Report

CERS Business/Org. Digital Realty Trust, LP Facility Name 1100 Space Park, LLC 1100 Space Park Dr, Santa Clara 95054	Chemical Location <div style="border: 1px solid black; width: 80px; height: 20px; margin: 0 auto;"></div>	CERS ID 10416349 Facility ID 43-010-208480 Status Submitted on 2/25/2021 2:17 PM
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DOT Code/Fire Haz. Class	Common Name	Unit	Quantities			Annual Waste Amount	Federal Hazard Categories	Hazardous Components (For mixture only)		
			Max. Daily	Largest Cont.	Avg. Daily			Component Name	% Wt	EHS CAS No.
DOT: 2.2 - Nonflammable Gases	Chlorodifluoromethane	Cu. Feet	6634	24	6634		- Physical Gas			
	<u>CAS No</u>	<u>State</u>	<u>Storage Container</u>		<u>Pressue</u>	<u>Waste Code</u>	Under Pressure			
	75-45-6	Gas	Cylinder		> Ambient		- Health Simple			
		<u>Type</u>			<u>Temperature</u>		Asphyxiant			
	Pure	Days on Site: 365			Ambient					
DOT: 9 - Misc. Hazardous Materials	HFC-134a	Cu. Feet	52474	12767	52474		- Physical Gas			
	<u>CAS No</u>	<u>State</u>	<u>Storage Container</u>		<u>Pressue</u>	<u>Waste Code</u>	Under Pressure			
	811-97-2	Gas	Cylinder		> Ambient		- Health Simple			
		<u>Type</u>			<u>Temperature</u>		Asphyxiant			
	Pure	Days on Site: 365			Ambient					

Hazardous Materials And Wastes Inventory Matrix Report

CERS Business/Org. Digital Realty Trust, LP Facility Name 1100 Space Park, LLC 1100 Space Park Dr, Santa Clara 95054	Chemical Location <div style="border: 1px solid black; height: 20px; width: 100%;"></div>	CERS ID 10416349 Facility ID 43-010-208480 Status Submitted on 2/25/2021 2:17 PM
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DOT Code/Fire Haz. Class	Common Name	Unit	Quantities			Annual Waste Amount	Federal Hazard Categories	Hazardous Components (For mixture only)		
			Max. Daily	Largest Cont.	Avg. Daily			Component Name	% Wt	EHS CAS No.
DOT: 3 - Flammable and Combustible Liquids Combustible Liquid, Class III-B	Mineral Oil <small>CAS No 8012-95-1</small>	Gallons	1128	614	1128		- Physical Flammable - Health Serious Eye Damage Eye Irritation - Health Aspiration Hazard			
		<small>State Liquid Type Pure</small>	<small>Storage Container Other Days on Site: 365</small>		<small>Pressue Ambient Temperature Ambient</small>	<small>Waste Code</small>				

Hazardous Materials And Wastes Inventory Matrix Report

CERS Business/Org. Digital Realty Trust, LP Facility Name 1100 Space Park, LLC 1100 Space Park Dr, Santa Clara 95054	Chemical Location <div style="border: 1px solid black; height: 20px; width: 100%;"></div>	CERS ID 10416349 Facility ID 43-010-208480 Status Submitted on 2/25/2021 2:17 PM
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DOT Code/Fire Haz. Class	Common Name	Unit	Quantities			Annual Waste Amount	Federal Hazard Categories	Hazardous Components (For mixture only)		
			Max. Daily	Largest Cont.	Avg. Daily			Component Name	% Wt	EHS
DOT: 3 - Flammable and Combustible Liquids Flammable Liquid, Class I-A	Hydraulic Oil <u>CAS No</u>	Gallons <u>State</u> Liquid <u>Type</u> Mixture	352 <u>Storage Container</u> Other Days on Site: 365	240	352	- Health Hazard Not Otherwise Classified	Various Petroleum Base Oils			

Hazardous Materials And Wastes Inventory Matrix Report

CERS Business/Org. **Digital Realty Trust, LP**
 Facility Name **1100 Space Park, LLC**
 1100 Space Park Dr, Santa Clara 95054

Chemical Location

CERS ID **10416349**
 Facility ID **43-010-208480**
 Status **Submitted on 2/25/2021 2:17 PM**

DOT Code/Fire Haz. Class	Common Name	Unit	Quantities			Annual Waste Amount	Federal Hazard Categories	Hazardous Components (For mixture only)		
			Max. Daily	Largest Cont.	Avg. Daily			Component Name	% Wt	EHS CAS No.
DOT: 3 - Flammable and Combustible Liquids Combustible Liquid, Class II	Diesel Fuel	Gallons	37000	4000	37000	0	- Physical	Diesel Fuel	100 %	68334-30-5
	<u>CAS No</u> 68334-30-5	<u>State</u> Liquid	<u>Storage Container</u> Aboveground Tank		<u>Pressue</u> Ambient	<u>Waste Code</u>	- Flammable - Health - Carcinogenicity - Health Acute - Toxicity - Health Skin - Corrosion - Irritation - Health Specific - Target Organ - Toxicity - Health - Aspiration Hazard	Napthalene	0 %	91-20-3
		<u>Type</u> Pure	Days on Site: 365		<u>Temperature</u> Ambient					
Combustible Liquid, Class III-B	Ethylene Glycol	Gallons	1820	135	1820		- Health Acute	Ethylene Glycol		107-21-1
	<u>CAS No</u> 107-21-1	<u>State</u> Liquid	<u>Storage Container</u> Other		<u>Pressue</u> > Ambient	<u>Waste Code</u>	- Toxicity - Health Skin - Corrosion - Irritation - Health Serious - Eye Damage Eye - Irritation			
		<u>Type</u> Pure	Days on Site: 365		<u>Temperature</u> Ambient					
DOT: 8 - Corrosives (Liquids and Solids) Corrosive	Lead Acid Batteries - Flooded Cell type	Gallons	137	3.41	137		- Physical - Flammable	Sulfuric Acid	40 %	✓ 7664-93-9
	<u>CAS No</u>	<u>State</u> Liquid	<u>Storage Container</u> Other		<u>Pressue</u> Ambient	<u>Waste Code</u> 792	- Physical - Explosive - Physical - Corrosive To - Metal - Health - Carcinogenicity - Health Acute - Toxicity - Health - Reproductive - Toxicity - Health Skin - Corrosion - Irritation - Health Serious - Eye Damage Eye - Irritation - Health Specific - Target Organ - Toxicity - Health - Aspiration Hazard	Lead		
		<u>Type</u> Mixture	Days on Site: 365		<u>Temperature</u>					

Hazardous Materials And Wastes Inventory Matrix Report

CERS Business/Org. **Digital Realty Trust, LP**
 Facility Name **1100 Space Park, LLC**
 1100 Space Park Dr, Santa Clara 95054

Chemical Location

CERS ID **10416349**
 Facility ID **43-010-208480**
 Status **Submitted on 2/25/2021 2:17 PM**

DOT Code/Fire Haz. Class	Common Name	Unit	Quantities			Annual Waste Amount	Federal Hazard Categories	Hazardous Components (For mixture only)		
			Max. Daily	Largest Cont.	Avg. Daily			Component Name	% Wt	EHS CAS No.
DOT: 3 - Flammable and Combustible Liquids	Motor Oil	Gallons	1170	110	1170		- Physical	Various Petroleum Base Oils	85 %	6474X-XX-X
Combustible Liquid, Class III-B	<u>CAS No</u>	<u>State</u>	<u>Storage Container</u>		<u>Pressue</u>	<u>Waste Code</u>	Flammable			
		Liquid	Other		> Ambient	221	- Health Skin	ADDITIVE PACKAGE, INCLUDING	15 %	MIXTURE
		<u>Type</u>			<u>Temperature</u>		Corrosion	ZINC ALKYL DITHIOPHOSPHATE	2 %	68649-42-3
		Mixture	Days on Site: 365		> Ambient		Irritation			
							- Health			
							Respiratory Skin			
							Sensitization			
							- Health Serious			
							Eye Damage Eye			
							Irritation			

Hazardous Materials And Wastes Inventory Matrix Report

CERS Business/Org. Digital Realty Trust, LP Facility Name 1100 Space Park, LLC 1100 Space Park Dr, Santa Clara 95054	Chemical Location <div style="border: 1px solid black; width: 30px; height: 20px; margin: 0 auto;"></div>	CERS ID 10416349 Facility ID 43-010-208480 Status Submitted on 2/25/2021 2:17 PM
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DOT Code/Fire Haz. Class	Common Name	Unit	Quantities			Annual Waste Amount	Federal Hazard Categories	Hazardous Components (For mixture only)		
			Max. Daily	Largest Cont.	Avg. Daily			Component Name	% Wt	EHS CAS No.
DOT: 8 - Corrosives (Liquids and Solids) Corrosive	H-550 MICROBIOCIDE	Gallons	110	110	110		- Physical Corrosive To	Glutaraldehyde	50 %	111-30-8
	<u>CAS No</u>	<u>State</u>	<u>Storage Container</u>	<u>Pressue</u>	<u>Waste Code</u>		Metal			
		Liquid	Plastic/Non-metalic Drum	Ambient			- Health Acute Toxicity			
		<u>Type</u> Mixture	Days on Site: 365	Ambient			- Health Skin Corrosion Irritation - Health Respiratory Skin Sensitization - Health Serious Eye Damage Eye Irritation - Health Specific Target Organ Toxicity			
DOT: 8 - Corrosives (Liquids and Solids) Corrosive	Nalco 3D TRASAR 3DT465	Gallons	110	110	110		- Physical Corrosive To	2-Phosphono-1,2,4- Butanetricarboxylic Acid	10 %	37971-36-1
	<u>CAS No</u>	<u>State</u>	<u>Storage Container</u>	<u>Pressue</u>	<u>Waste Code</u>		Metal	Sodium HEDP	5 %	29329-71-3
		Liquid	Plastic/Non-metalic Drum	Ambient			- Health Skin Corrosion Irritation			
		<u>Type</u> Mixture	Days on Site: 365	Ambient			- Health Serious Eye Damage Eye Irritation			
DOT: 8 - Corrosives (Liquids and Solids) Corrosive	NALCO STABREX ST70	Gallons	110	110	110		- Physical Corrosive To	Sodium Hydroxide	5 %	1310-73-2
	<u>CAS No</u>	<u>State</u>	<u>Storage Container</u>	<u>Pressue</u>	<u>Waste Code</u>		Metal			
		Liquid	Plastic/Non-metalic Drum	Ambient			- Health Skin Corrosion Irritation			
		<u>Type</u> Mixture	Days on Site: 365	Ambient			- Health Respiratory Skin Sensitization - Health Serious Eye Damage Eye Irritation			

Hazardous Materials And Wastes Inventory Matrix Report

CERS Business/Org. **Digital Realty Trust, LP**
 Facility Name **1100 Space Park, LLC**
 1100 Space Park Dr, Santa Clara 95054

Chemical Location

CERS ID **10416349**
 Facility ID **43-010-208480**
 Status **Submitted on 2/25/2021 2:17 PM**

DOT Code/Fire Haz. Class	Common Name	Unit	Quantities			Annual Waste Amount	Federal Hazard Categories	Hazardous Components (For mixture only)		
			Max. Daily	Largest Cont.	Avg. Daily			Component Name	% Wt	EHS CAS No.
DOT: 8 - Corrosives (Liquids and Solids)	Sulfuric Acid 50-91%	Pounds	102	102	102		- Physical	Sulfuric Acid	96 %	<input checked="" type="checkbox"/> 7644-93-9
Corrosive, Water Reactive, Class 1, Toxic	CAS No. <input type="checkbox"/> EHS <input checked="" type="checkbox"/>	State	Storage Container	Pressure	Waste Code		Corrosive To			
		Liquid	Plastic/Non-metallic Drum, Other	Ambient	791		Metal			
		Type	Mixture	Temperature			- Health			
			Days on Site: 365	Ambient			Carcinogenicity			
							- Health Acute			
							Toxicity			
							- Health Skin			
							Corrosion			
							Irritation			
							- Health Serious			
							Eye Damage Eye			
							Irritation			
							- Health Specific			
							Target Organ			
							Toxicity			

Silicon Valley Power

1205 Space Park Drive

Not CalARP Regulated

Approximately 0.18 mile from site

9/18/20 Haz Mat Inventory

Hazardous Materials And Wastes Inventory Matrix Report

CERS Business/Org. City of Santa Clara dba Silicon Valley Power Facility Name Scott Receiving Station 1205 Space Park Dr, Santa Clara 95054	Chemical Location <div style="border: 1px solid black; width: 100px; height: 20px; margin: 0 auto;"></div>	CERS ID 10689232 Facility ID 43-010-090054 Status Submitted on 9/18/2020 9:00 AM
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DOT Code/Fire Haz. Class	Common Name	Unit	Quantities			Annual Waste Amount	Federal Hazard Categories	Hazardous Components (For mixture only)		
			Max. Daily	Largest Cont.	Avg. Daily			Component Name	% Wt	EHS CAS No.
	lead battery	Gallons	120	5	120	0	- Physical	sulfuric acid	25 %	7664-93-9
	<u>CAS No</u>	<u>State</u>	<u>Storage Container</u>		<u>Pressue</u>	<u>Waste Code</u>	Corrosive To	lead compounds	75 %	7439-92-1
		<u>Liquid</u>	<u>Other</u>		<u>Ambient</u>		Metal			
		<u>Type</u>			<u>Temperature</u>		- Health Skin			
		<u>Pure</u>	Days on Site: 365		<u>Ambient</u>		Corrosion			
							Irritation			
							- Health Serious			
							Eye Damage Eye			
							Irritation			

Hazardous Materials And Wastes Inventory Matrix Report

CERS Business/Org. City of Santa Clara dba Silicon Valley Power Facility Name Scott Receiving Station 1205 Space Park Dr, Santa Clara 95054	Chemical Location <div style="border: 1px solid black; height: 20px; width: 100%;"></div>	CERS ID 10689232 Facility ID 43-010-090054 Status Submitted on 9/18/2020 9:00 AM
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DOT Code/Fire Haz. Class	Common Name	Unit	Quantities			Annual Waste Amount	Federal Hazard Categories	Hazardous Components (For mixture only)		
			Max. Daily	Largest Cont.	Avg. Daily			Component Name	% Wt	EHS CAS No.
	Mineral Oil	Gallons	12370	6185	12370		- Physical			
	<u>CAS No</u> 8012-95-1	<u>State</u> Liquid	<u>Storage Container</u> Other		<u>Pressue</u> Ambient	<u>Waste Code</u>	Flammable			
		<u>Type</u> Pure	Days on Site: 365		<u>Temperature</u> Ambient		- Health			
							Aspiration Hazard			

Silicon Valley Power

1234 Space Park Drive

Not CalARP Regulated

Approximately 0.24 mile from site

9/10/20 Haz Mat Inventory

Hazardous Materials And Wastes Inventory Matrix Report

CERS Business/Org. City of Santa Clara dba Silicon Valley Power Facility Name Kenneth Substation 1234 Space Park Dr, Santa Clara 95054	Chemical Location <div style="border: 1px solid black; height: 20px; width: 100%;"></div>	CERS ID 10689166 Facility ID 43-010-118236 Status Submitted on 9/10/2020 2:08 PM
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DOT Code/Fire Haz. Class	Common Name	Unit	Quantities			Annual Waste Amount	Federal Hazard Categories	Hazardous Components (For mixture only)		
			Max. Daily	Largest Cont.	Avg. Daily			Component Name	% Wt	EHS CAS No.
	Mineral Oil	Gallons	14220	7110	14220		- Physical			
	<u>CAS No</u> 8012-95-1	<u>State</u> Liquid	<u>Storage Container</u> Other		<u>Pressue</u> Ambient	<u>Waste Code</u>	Flammable			
		<u>Type</u> Pure	Days on Site: 365		<u>Temperature</u> Ambient		- Health Aspiration Hazard			

Silicon Valley Power

1255 Space Park Drive

Not CalARP Regulated

Approximately 0.18 mile from site

9/18/20 Haz Mat Inventory

Hazardous Materials And Wastes Inventory Matrix Report

CERS Business/Org. City of Santa Clara dba Silicon Valley Power Facility Name Raymond Substation 1255 Space Park Dr, Santa Clara 95054	Chemical Location <div style="border: 1px solid black; width: 100px; height: 20px; margin: 0 auto;"></div>	CERS ID 10689220 Facility ID 43-010-103137 Status Submitted on 9/18/2020 8:55 AM
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DOT Code/Fire Haz. Class	Common Name	Unit	Quantities			Annual Waste Amount	Federal Hazard Categories	Hazardous Components (For mixture only)		
			Max. Daily	Largest Cont.	Avg. Daily			Component Name	% Wt	EHS CAS No.
	lead battery	Gallons	120	5	120	0	- Physical	sulfuric acid	25 %	7664-93-9
	<u>CAS No</u>	<u>State</u>	<u>Storage Container</u>		<u>Pressue</u>	<u>Waste Code</u>	Corrosive To	lead compounds	75 %	7439-92-1
		<u>Liquid</u>	<u>Other</u>		<u>Ambient</u>		Metal			
		<u>Type</u>			<u>Temperature</u>		- Health Skin			
		<u>Pure</u>	Days on Site: 365		<u>Ambient</u>		Corrosion			
							Irritation			
							- Health Serious			
							Eye Damage Eye			
							Irritation			

Hazardous Materials And Wastes Inventory Matrix Report

CERS Business/Org. City of Santa Clara dba Silicon Valley Power Facility Name Raymond Substation 1255 Space Park Dr, Santa Clara 95054	Chemical Location <div style="border: 1px solid black; height: 20px; width: 100%;"></div>	CERS ID 10689220 Facility ID 43-010-103137 Status Submitted on 9/18/2020 8:55 AM
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DOT Code/Fire Haz. Class	Common Name	Unit	Quantities			Annual Waste Amount	Federal Hazard Categories	Hazardous Components (For mixture only)		
			Max. Daily	Largest Cont.	Avg. Daily			Component Name	% Wt	EHS CAS No.
	Mineral Oil	Gallons	15826	7913	15826		- Physical Flammable - Health Aspiration Hazard			
	<u>CAS No</u> 8012-95-1	<u>State</u> Liquid	<u>Storage Container</u> Other		<u>Pressue</u> Ambient	<u>Waste Code</u>				
		<u>Type</u> Pure	Days on Site: 365		<u>Temperature</u> Ambient					

Cyxtera Communications, LLC

1500 Space Park Drive

Not CalARP Regulated Approximately 0.18

mile from site

2/16/21 Haz Mat Inventory

Hazardous Materials And Wastes Inventory Matrix Report

CERS Business/Org. Cyxtera Communications, LLC	Chemical Location <div style="border: 1px solid black; height: 20px; width: 100%;"></div>	CERS ID 10130458
Facility Name Cyxtera Communications, LLC - SFO4A 1500 Space Park Dr, Santa Clara 95054		Facility ID 43-010-212103
		Status Submitted on 2/16/2021 8:55 AM

DOT Code/Fire Haz. Class	Common Name	Unit	Quantities			Annual Waste Amount	Federal Hazard Categories	Hazardous Components (For mixture only)		
			Max. Daily	Largest Cont.	Avg. Daily			Component Name	% Wt	EHS CAS No.
DOT: 3 - Flammable and Combustible Liquids Combustible Liquid, Class II	Diesel Fuel No. 2 <u>CAS No</u> 68476-34-6	Gallons <u>State</u> Liquid <u>Type</u> Pure	20000 <u>Storage Container</u> Aboveground Tank Days on Site: 365	4000	18000	<u>Pressue</u> Ambient <u>Temperature</u> Ambient	- Physical Flammable - Health Carcinogenicity - Health Acute Toxicity - Health Skin Corrosion Irritation - Health Respiratory Skin Sensitization - Health Specific Target Organ Toxicity - Health Aspiration Hazard			
	Envirotemp FR3 <u>CAS No</u> 8001-22-7	Gallons <u>State</u> Liquid <u>Type</u> Pure	3800 <u>Storage Container</u> Other Days on Site: 365	760	3800	<u>Pressue</u> <u>Temperature</u>				

Hazardous Materials And Wastes Inventory Matrix Report

CERS Business/Org. Cyxtera Communications, LLC	Chemical Location <div style="border: 1px solid black; height: 20px; width: 100%;"></div>	CERS ID 10130458
Facility Name Cyxtera Communications, LLC - SFO4A 1500 Space Park Dr, Santa Clara 95054		Facility ID 43-010-212103
		Status Submitted on 2/16/2021 8:55 AM

DOT Code/Fire Haz. Class	Common Name	Unit	Quantities			Annual Waste Amount	Federal Hazard Categories	Hazardous Components (For mixture only)		
			Max. Daily	Largest Cont.	Avg. Daily			Component Name	% Wt	EHS CAS No.
DOT: 8 - Corrosives (Liquids and Solids)	Lead Acid Batteries	Gallons	2354	2	2354		- Physical	Sulfuric Acid	40 %	✓ 7664-93-9
Corrosive	<u>CAS No</u>	<u>State</u>	<u>Storage Container</u>		<u>Pressue</u>	<u>Waste Code</u>	Corrosive To			
		Liquid	Other		Ambient	792	- Health Skin			
		<u>Type</u>			<u>Temperature</u>		Corrosion			
		Mixture	Days on Site: 365		Ambient		Irritation			
							- Health			
							Respiratory Skin			
							Sensitization			
							- Health Serious			
							Eye Damage Eye			
							Irritation			

Hazardous Materials And Wastes Inventory Matrix Report

CERS Business/Org. Cytera Communications, LLC	Chemical Location <div style="border: 1px solid black; width: 100px; height: 20px; margin: 0 auto;"></div>	CERS ID 10130458
Facility Name Cytera Communications, LLC - SFO4A 1500 Space Park Dr, Santa Clara 95054		Facility ID 43-010-212103
		Status Submitted on 2/16/2021 8:55 AM

DOT Code/Fire Haz. Class	Common Name	Unit	Quantities			Annual Waste Amount	Federal Hazard Categories	Hazardous Components (For mixture only)		
			Max. Daily	Largest Cont.	Avg. Daily			Component Name	% Wt	EHS
	Petroleum, sulfurized	Gallons	160	160	160		- Health Skin			
	<u>CAS No</u> 68815-10-1	<u>State</u> Liquid	<u>Storage Container</u> Aboveground Tank		<u>Pressue</u> > Ambient	<u>Waste Code</u>	Corrosion			
		<u>Type</u> Pure	Days on Site: 365		<u>Temperature</u> > Ambient		- Health Respiratory Skin Sensitization - Health Serious Eye Damage Eye Irritation - Health Aspiration Hazard			

Hazardous Materials And Wastes Inventory Matrix Report

CERS Business/Org. Cytera Communications, LLC Facility Name Cytera Communications, LLC - SFO4A 1500 Space Park Dr, Santa Clara 95054	Chemical Location <div style="border: 1px solid black; height: 20px; width: 100%;"></div>	CERS ID 10130458 Facility ID 43-010-212103 Status Submitted on 2/16/2021 8:55 AM
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DOT Code/Fire Haz. Class	Common Name	Unit	Quantities			Annual Waste Amount	Federal Hazard Categories	Hazardous Components (For mixture only)		
			Max. Daily	Largest Cont.	Avg. Daily			Component Name	% Wt	EHS
Combustible Liquid, Class III-B	Propylene Glycol	Gallons	815	163	815					
	<u>CAS No</u>	<u>State</u>	<u>Storage Container</u>		<u>Pressure</u>	<u>Waste Code</u>				
	57-55-6	Liquid	Other		Ambient					
		<u>Type</u>	<u>Pure</u>	Days on Site: 365		<u>Temperature</u>				
						> Ambient				

Hazardous Materials And Wastes Inventory Matrix Report

CERS Business/Org. Cyxtera Communications, LLC	Chemical Location <div style="border: 1px solid black; height: 20px; width: 100%;"></div>	CERS ID 10130458
Facility Name Cyxtera Communications, LLC - SFO4A 1500 Space Park Dr, Santa Clara 95054		Facility ID 43-010-212103
		Status Submitted on 2/16/2021 8:55 AM

DOT Code/Fire Haz. Class	Common Name	Unit	Quantities			Annual Waste Amount	Federal Hazard Categories	Hazardous Components (For mixture only)		
			Max. Daily	Largest Cont.	Avg. Daily			Component Name	% Wt	EHS CAS No.
DOT: 8 - Corrosives (Liquids and Solids)	Lead Acid Batteries	Gallons	100	2.5	100		- Physical	Sulfuric Acid	40 %	✓ 7664-93-9
Corrosive	<u>CAS No</u>	<u>State</u>	<u>Storage Container</u>		<u>Pressue</u>	<u>Waste Code</u>	Corrosive To			
		Liquid	Other		Ambient	792	- Health Skin			
		<u>Type</u>			<u>Temperature</u>		Corrosion			
		Mixture	Days on Site: 365		Ambient		Irritation			
							- Health			
							Respiratory Skin			
							Sensitization			
							- Health Serious			
							Eye Damage Eye			
							Irritation			

Hazardous Materials And Wastes Inventory Matrix Report

CERS Business/Org. Cytxera Communications, LLC	Chemical Location <div style="border: 1px solid black; width: 100px; height: 15px; margin: 0 auto;"></div>	CERS ID 10130458
Facility Name Cytxera Communications, LLC - SFO4A 1500 Space Park Dr, Santa Clara 95054		Facility ID 43-010-212103
		Status Submitted on 2/16/2021 8:55 AM

DOT Code/Fire Haz. Class	Common Name	Unit	Quantities			Annual Waste Amount	Federal Hazard Categories	Hazardous Components (For mixture only)		
			Max. Daily	Largest Cont.	Avg. Daily			Component Name	% Wt	EHS CAS No.
DOT: 8 - Corrosives (Liquids and Solids)	Aqucar GA15 Microbiocide <u>CAS No</u>	Gallons	55	35	55	- Physical Corrosive To Metal - Health Acute Toxicity - Health Skin Corrosion Irritation - Health Respiratory Skin Sensitization - Health Serious Eye Damage Eye Irritation - Health Specific Target Organ Toxicity	Glutaraldehyde			
DOT: 8 - Corrosives (Liquids and Solids)	Brommax 7.1 Antimicrobial Solution <u>CAS No</u>	Gallons	55	35	55	- Physical Corrosive To Metal - Health Skin Corrosion Irritation - Health Respiratory Skin Sensitization - Health Serious Eye Damage Eye Irritation	Sulfamic acid, N-bromo, sodium salt Sodium hydroxide			
DOT: 8 - Corrosives (Liquids and Solids)	Inserv Closed Loop Treatment CW-084K <u>CAS No</u>	Gallons	55	35	55	- Physical Oxidizer - Physical Corrosive To Metal - Health Skin Corrosion Irritation - Health Respiratory Skin Sensitization - Health Serious Eye Damage Eye Irritation	boric acid sodium salt tetrahydrate sodium metaborate tetrahydrate sodium oxido(oxo)borane sodium hydroxide			

Hazardous Materials And Wastes Inventory Matrix Report

CERS Business/Org. Cytera Communications, LLC	Chemical Location <div style="background-color: #cccccc; width: 100px; height: 20px; margin: 0 auto;"></div>	CERS ID 10130458
Facility Name Cytera Communications, LLC - SFO4A 1500 Space Park Dr, Santa Clara 95054		Facility ID 43-010-212103 Status Submitted on 2/16/2021 8:55 AM

DOT Code/Fire Haz. Class	Common Name	Unit	Quantities			Annual Waste Amount	Federal Hazard Categories	Hazardous Components (For mixture only)			
			Max. Daily	Largest Cont.	Avg. Daily			Component Name	% Wt	EHS	CAS No.
	Inserv CW-1225 Cooling Water Treatment	Gallons	55	35	55		- Health Skin Corrosion Irritation - Health Respiratory Skin Sensitization	hydroxyphosphonoacetic acid phosphoric acid orthophosphoric acid maleic acid sodium 4 (or5)-methyl-1H-benzotriazolide			
	<u>CAS No</u>	<u>State</u>	<u>Storage Container</u>		<u>Pressue</u>	<u>Waste Code</u>					
		Liquid	Aboveground Tank, Plastic/Non-metalic Drum		Ambient						
		<u>Type</u>			<u>Temperature</u>						
		Mixture	Days on Site: 365		Ambient						

Hazardous Materials And Wastes Inventory Matrix Report

CERS Business/Org. Cytera Communications, LLC	Chemical Location	CERS ID 10130458
Facility Name Cytera Communications, LLC - SFO4A	[Redacted]	Facility ID 43-010-212103
1500 Space Park Dr, Santa Clara 95054		Status Submitted on 2/16/2021 8:55 AM

DOT Code/Fire Haz. Class	Common Name	Unit	Quantities			Annual Waste Amount	Federal Hazard Categories	Hazardous Components (For mixture only)		
			Max. Daily	Largest Cont.	Avg. Daily			Component Name	% Wt	EHS CAS No.
DOT: 9 - Misc. Hazardous Materials	2,2-dichloro-1,1,1-trifluoroethane	Pounds	3000	750	3000		- Physical Flammable			
	<u>CAS No</u> 306-83-2	<u>State</u> Liquid	<u>Storage Container</u> Other		<u>Pressue</u> > Ambient	<u>Waste Code</u>	- Physical Hazard Not Otherwise Classified			
		<u>Type</u> Pure	Days on Site: 365		<u>Temperature</u> < Ambient		- Health Acute Toxicity - Health Specific Target Organ Toxicity			

Hazardous Materials And Wastes Inventory Matrix Report

CERS Business/Org. Cytera Communications, LLC Facility Name Cytera Communications, LLC - SFO4A 1500 Space Park Dr, Santa Clara 95054	Chemical Location <div style="background-color: #cccccc; height: 20px; width: 100%;"></div>	CERS ID 10130458 Facility ID 43-010-212103 Status Submitted on 2/16/2021 8:55 AM
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DOT Code/Fire Haz. Class	Common Name	Unit	Quantities			Annual Waste Amount	Federal Hazard Categories	Hazardous Components (For mixture only)			
			Max. Daily	Largest Cont.	Avg. Daily			Component Name	% Wt	EHS	CAS No.
	Hydrotreated heavy paraffinic petroleum distillates	Gallons	380	76	380						
	<u>CAS No</u> 64742-54-7	<u>State</u> Liquid	<u>Storage Container</u> Other		<u>Pressue</u> Ambient	<u>Waste Code</u>					
		<u>Type</u> Pure	Days on Site: 365		<u>Temperature</u> Ambient						

AT&T California

1700 Space Park Drive

Not CalARP Regulated

Approximately 0.07 mile from site

5/28/21 Haz Mat Inventory

Hazardous Materials And Wastes Inventory Matrix Report

CERS Business/Org. PACIFIC BELL TELEPHONE COMPANY dba AT&T CALIFORNIA	Chemical Location <div style="border: 1px solid black; height: 20px; width: 100%;"></div>	CERS ID 10085656
Facility Name AT&T California - N4050 1700 Space Park Dr, Santa Clara 95054		Facility ID 43-010-008274
		Status Submitted on 5/28/2021 4:36 AM

DOT Code/Fire Haz. Class	Common Name	Unit	Quantities			Annual Waste Amount	Federal Hazard Categories	Hazardous Components (For mixture only)		
			Max. Daily	Largest Cont.	Avg. Daily			Component Name	% Wt	EHS CAS No.
DOT: 8 - Corrosives (Liquids and Solids)	Lead Acid Batteries	Gallons	1776	15.8	1776		- Physical	Sulfuric Acid (H2SO4)	40 %	✓ 7664-93-9
Corrosive	<u>CAS No</u>	<u>State</u>	<u>Storage Container</u>		<u>Pressue</u>		Explosive			
		<u>Liquid</u>	<u>Other</u>		<u>Ambient</u>	<u>Waste Code</u>	- Physical			
		<u>Type</u>	<u>Mixture</u>	<u>Days on Site: 365</u>	<u>Temperature</u>		Corrosive To Metal			
					<u>Ambient</u>		- Health			
							Carcinogenicity			
							- Health Acute			
							Toxicity			
							- Health			
							Reproductive			
							Toxicity			
							- Health Skin			
							Corrosion			
							Irritation			
							- Health			
							Respiratory Skin			
							Sensitization			
							- Health Serious			
							Eye Damage Eye			
							Irritation			
							- Health Specific			
							Target Organ			
							Toxicity			
							- Health			
							Aspiration Hazard			
							- Health Germ			
							Cell Mutagenicity			

Hazardous Materials And Wastes Inventory Matrix Report

CERS Business/Org. PACIFIC BELL TELEPHONE COMPANY dba AT&T CALIFORNIA Facility Name AT&T California - N4050 1700 Space Park Dr, Santa Clara 95054	Chemical Location <div style="border: 1px solid black; height: 20px; width: 100%;"></div>	CERS ID 10085656 Facility ID 43-010-008274 Status Submitted on 5/28/2021 4:36 AM
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DOT Code/Fire Haz. Class	Common Name	Unit	Quantities			Annual Waste Amount	Federal Hazard Categories	Hazardous Components (For mixture only)		
			Max. Daily	Largest Cont.	Avg. Daily			Component Name	% Wt	EHS CAS No.
DOT: 8 - Corrosives (Liquids and Solids)	Lead Acid Batteries	Gallons	2800	15.8	2800	- Physical	Sulfuric Acid (H2SO4)	40 %	✓ 7664-93-9	
Corrosive	<u>CAS No</u>	<u>State</u>	<u>Storage Container</u>		<u>Pressue</u>	- Explosive				
		Liquid	Other		Ambient	- Physical				
		<u>Type</u>			<u>Temperature</u>	Corrosive To				
		Mixture	Days on Site: 365		Ambient	Metal				
						- Health				
						Carcinogenicity				
						- Health Acute				
						Toxicity				
						- Health				
						Reproductive				
						Toxicity				
						- Health Skin				
						Corrosion				
						Irritation				
						- Health				
						Respiratory Skin				
						Sensitization				
						- Health Serious				
						Eye Damage Eye				
						Irritation				
						- Health Specific				
						Target Organ				
						Toxicity				
						- Health				
						Aspiration Hazard				
						- Health Germ				
						Cell Mutagenicity				

Hazardous Materials And Wastes Inventory Matrix Report

CERS Business/Org. PACIFIC BELL TELEPHONE COMPANY dba AT&T CALIFORNIA	Chemical Location <div style="border: 1px solid black; height: 20px; width: 100%;"></div>	CERS ID 10085656
Facility Name AT&T California - N4050 1700 Space Park Dr, Santa Clara 95054		Facility ID 43-010-008274
		Status Submitted on 5/28/2021 4:36 AM

DOT Code/Fire Haz. Class	Common Name	Unit	Quantities			Annual Waste Amount	Federal Hazard Categories	Hazardous Components (For mixture only)		
			Max. Daily	Largest Cont.	Avg. Daily			Component Name	% Wt	EHS CAS No.
DOT: 8 - Corrosives (Liquids and Solids)	Lead Acid Batteries	Gallons	1053	15.8	1053		- Physical	Sulfuric Acid (H2SO4)	40 %	✓ 7664-93-9
Corrosive	<u>CAS No</u>	<u>State</u>	<u>Storage Container</u>		<u>Pressue</u>		Explosive			
		<u>Liquid</u>	<u>Other</u>		<u>Ambient</u>	<u>Waste Code</u>	- Physical			
		<u>Type</u>	<u>Mixture</u>	<u>Days on Site: 365</u>	<u>Temperature</u>		Corrosive To Metal			
					<u>Ambient</u>		- Health			
							Carcinogenicity			
							- Health Acute			
							Toxicity			
							- Health			
							Reproductive			
							Toxicity			
							- Health Skin			
							Corrosion			
							Irritation			
							- Health			
							Respiratory Skin			
							Sensitization			
							- Health Serious			
							Eye Damage Eye			
							Irritation			
							- Health Specific			
							Target Organ			
							Toxicity			
							- Health			
							Aspiration Hazard			
							- Health Germ			
							Cell Mutagenicity			

Hazardous Materials And Wastes Inventory Matrix Report

CERS Business/Org. PACIFIC BELL TELEPHONE COMPANY dba AT&T CALIFORNIA	Chemical Location <div style="border: 1px solid black; height: 20px; width: 100%;"></div>	CERS ID 10085656
Facility Name AT&T California - N4050 1700 Space Park Dr, Santa Clara 95054		Facility ID 43-010-008274 Status Submitted on 5/28/2021 4:36 AM

DOT Code/Fire Haz. Class	Common Name	Unit	Quantities			Annual Waste Amount	Federal Hazard Categories	Hazardous Components (For mixture only)		
			Max. Daily	Largest Cont.	Avg. Daily			Component Name	% Wt	EHS CAS No.
DOT: 8 - Corrosives (Liquids and Solids)	Lead Acid Batteries	Gallons	3931	15.8	3931	0	- Physical	Sulfuric Acid (H2SO4)	40 %	✓ 7664-93-9
Corrosive	<u>CAS No</u>	<u>State</u>	<u>Storage Container</u>		<u>Pressure</u>		- Explosive			
		<u>Liquid</u>	<u>Other</u>		<u>Ambient</u>		- Physical			
		<u>Type</u>	<u>Mixture</u>	Days on Site: 365	<u>Temperature</u>		Corrosive To			
					<u>Ambient</u>		Metal			
							- Health			
							Carcinogenicity			
							- Health Acute			
							Toxicity			
							- Health			
							Reproductive			
							Toxicity			
							- Health Skin			
							Corrosion			
							Irritation			
							- Health			
							Respiratory Skin			
							Sensitization			
							- Health Serious			
							Eye Damage Eye			
							Irritation			
							- Health Specific			
							Target Organ			
							Toxicity			
							- Health			
							Aspiration Hazard			
							- Health Germ			
							Cell Mutagenicity			

Hazardous Materials And Wastes Inventory Matrix Report

CERS Business/Org. PACIFIC BELL TELEPHONE COMPANY dba AT&T CALIFORNIA	Chemical Location <div style="border: 1px solid black; width: 100px; height: 20px; margin: 0 auto;"></div>	CERS ID 10085656
Facility Name AT&T California - N4050 1700 Space Park Dr, Santa Clara 95054		Facility ID 43-010-008274
		Status Submitted on 5/28/2021 4:36 AM

DOT Code/Fire Haz. Class	Common Name	Unit	Quantities			Annual Waste Amount	Federal Hazard Categories	Hazardous Components (For mixture only)		
			Max. Daily	Largest Cont.	Avg. Daily			Component Name	% Wt	EHS CAS No.
DOT: 3 - Flammable and Combustible Liquids Combustible Liquid, Class II	Diesel Fuel No. 2 <u>CAS No</u> 68476-34-6	Gallons	200	200	200	0	- Physical Flammable - Health Carcinogenicity - Health Acute Toxicity - Health Skin Corrosion Irritation - Health Serious Eye Damage Eye Irritation - Health Specific Target Organ Toxicity - Health Aspiration Hazard			
DOT: 3 - Flammable and Combustible Liquids Combustible Liquid, Class II	Diesel Fuel No. 2 <u>CAS No</u> 68476-34-6	Gallons	230	230	230	0	- Physical Flammable - Health Carcinogenicity - Health Acute Toxicity - Health Skin Corrosion Irritation - Health Serious Eye Damage Eye Irritation - Health Specific Target Organ Toxicity - Health Aspiration Hazard			

Hazardous Materials And Wastes Inventory Matrix Report

CERS Business/Org. PACIFIC BELL TELEPHONE COMPANY dba AT&T CALIFORNIA	Chemical Location <div style="border: 1px solid black; width: 100px; height: 20px; margin: 0 auto;"></div>	CERS ID 10085656
Facility Name AT&T California - N4050 1700 Space Park Dr, Santa Clara 95054		Facility ID 43-010-008274
		Status Submitted on 5/28/2021 4:36 AM

DOT Code/Fire Haz. Class	Common Name	Unit	Quantities			Annual Waste Amount	Federal Hazard Categories	Hazardous Components (For mixture only)		
			Max. Daily	Largest Cont.	Avg. Daily			Component Name	% Wt	EHS CAS No.
DOT: 8 - Corrosives (Liquids and Solids)	Lead Acid Batteries	Gallons	3588	15.8	3588	0	- Physical	Sulfuric Acid (H2SO4)	40 %	✓ 7664-93-9
Corrosive	<u>CAS No</u>	<u>State</u>	<u>Storage Container</u>		<u>Pressure</u>		- Explosive			
		<u>Liquid</u>	<u>Other</u>		<u>Ambient</u>	<u>Waste Code</u>	- Physical			
		<u>Type</u>	<u>Mixture</u>	Days on Site: 365	<u>Temperature</u>		Corrosive To Metal			
					<u>Ambient</u>		- Health			
							Carcinogenicity			
							- Health Acute			
							Toxicity			
							- Health			
							Reproductive			
							Toxicity			
							- Health Skin			
							Corrosion			
							Irritation			
							- Health			
							Respiratory Skin			
							Sensitization			
							- Health Serious			
							Eye Damage Eye			
							Irritation			
							- Health Specific			
							Target Organ			
							Toxicity			
							- Health			
							Aspiration Hazard			
							- Health Germ			
							Cell Mutagenicity			

Hazardous Materials And Wastes Inventory Matrix Report

CERS Business/Org.	PACIFIC BELL TELEPHONE COMPANY dba AT&T CALIFORNIA	Chemical Location	CERS ID 10085656
Facility Name	AT&T California - N4050		Facility ID 43-010-008274
	1700 Space Park Dr, Santa Clara 95054		Status Submitted on 5/28/2021 4:36 AM

DOT Code/Fire Haz. Class	Common Name	Unit	Quantities			Annual Waste Amount	Federal Hazard Categories	Hazardous Components (For mixture only)		
			Max. Daily	Largest Cont.	Avg. Daily			Component Name	% Wt	EHS CAS No.
DOT: 3 - Flammable and Combustible Liquids	Hydraulic Fluid	Gallons	55	55	55	- Health Hazard Not Otherwise Classified	Lubricating Base Oil	99 %		
	<u>CAS No</u>	<u>State</u>	<u>Storage Container</u>	<u>Pressue</u>	<u>Waste Code</u>		Additives	2 %		
Combustible Liquid, Class III-B		<u>Type</u>	<u>Mixture</u>	Days on Site: 365	<u>Temperature</u>					
					Ambient					

Hazardous Materials And Wastes Inventory Matrix Report

CERS Business/Org. PACIFIC BELL TELEPHONE COMPANY dba AT&T CALIFORNIA Facility Name AT&T California - N4050 1700 Space Park Dr, Santa Clara 95054	Chemical Location <div style="border: 1px solid black; width: 100px; height: 20px; margin: 5px 0;"></div>	CERS ID 10085656 Facility ID 43-010-008274 Status Submitted on 5/28/2021 4:36 AM
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DOT Code/Fire Haz. Class	Common Name	Unit	Quantities			Annual Waste Amount	Federal Hazard Categories	Hazardous Components (For mixture only)		
			Max. Daily	Largest Cont.	Avg. Daily			Component Name	% Wt	EHS CAS No.
DOT: 3 - Flammable and Combustible Liquids Combustible Liquid, Class II	Diesel Fuel No. 2 CAS No 68334-30-5	Gallons	15000	15000	15000		- Physical Flammable - Health Carcinogenicity - Health Acute Toxicity - Health Skin Corrosion Irritation - Health Serious Eye Damage Eye Irritation - Health Specific Target Organ Toxicity - Health Aspiration Hazard			
		State Liquid Type Pure	Storage Container Aboveground Tank Days on Site: 365			Pressue Ambient Temperature Ambient	Waste Code			

Hazardous Materials And Wastes Inventory Matrix Report

CERS Business/Org. PACIFIC BELL TELEPHONE COMPANY dba AT&T CALIFORNIA Facility Name AT&T California - N4050 1700 Space Park Dr, Santa Clara 95054	Chemical Location <div style="border: 1px solid black; height: 20px; width: 100%;"></div>	CERS ID 10085656 Facility ID 43-010-008274 Status Submitted on 5/28/2021 4:36 AM
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DOT Code/Fire Haz. Class	Common Name	Unit	Quantities			Annual Waste Amount	Federal Hazard Categories	Hazardous Components (For mixture only)		
			Max. Daily	Largest Cont.	Avg. Daily			Component Name	% Wt	EHS CAS No.
DOT: 3 - Flammable and Combustible Liquids Combustible Liquid, Class II	Diesel Fuel No. 2 <u>CAS No</u> 68476-34-6	Gallons	12000	12000	12000	0	- Physical Flammable - Health Carcinogenicity - Health Acute Toxicity - Health Skin Corrosion Irritation - Health Serious Eye Damage Eye Irritation - Health Specific Target Organ Toxicity - Health Aspiration Hazard			
		<u>State</u> Liquid <u>Type</u> Pure	<u>Storage Container</u> Belowground Tank Days on Site: 365		<u>Pressure</u> Ambient <u>Temperature</u> Ambient	<u>Waste Code</u>				
DOT: 3 - Flammable and Combustible Liquids Combustible Liquid, Class II	Diesel Fuel No. 2 <u>CAS No</u> 68476-34-6	Gallons	25000	25000	25000		- Physical Flammable - Health Carcinogenicity - Health Acute Toxicity - Health Skin Corrosion Irritation - Health Serious Eye Damage Eye Irritation - Health Specific Target Organ Toxicity - Health Aspiration Hazard			
		<u>State</u> Liquid <u>Type</u> Pure	<u>Storage Container</u> Belowground Tank Days on Site: 365		<u>Pressure</u> Ambient <u>Temperature</u> Ambient	<u>Waste Code</u>				

Hazardous Materials And Wastes Inventory Matrix Report

CERS Business/Org.	PACIFIC BELL TELEPHONE COMPANY dba AT&T CALIFORNIA	Chemical Location	CERS ID	10085656
Facility Name	AT&T California - N4050		Facility ID	43-010-008274
	1700 Space Park Dr, Santa Clara 95054		Status	Submitted on 5/28/2021 4:36 AM

DOT Code/Fire Haz. Class	Common Name	Unit	Quantities			Annual Waste Amount	Federal Hazard Categories	Hazardous Components (For mixture only)		
			Max. Daily	Largest Cont.	Avg. Daily			Component Name	% Wt	EHS CAS No.
DOT: 3 - Flammable and Combustible Liquids	Motor Oil (Lube)	Gallons	468	107	468	- Health Serious Eye Damage Eye	Lubricating Base Oil	85 %		
	<u>CAS No</u>	<u>State</u>	<u>Storage Container</u>	<u>Pressue</u>	<u>Waste Code</u>		Zinc Compounds	1 %	Proprietary	
Combustible Liquid, Class III-B		<u>Type</u>	<u>Days on Site: 365</u>	<u>Temperature</u>		Irritation	Additives	20 %	Proprietary	
		<u>Mixture</u>		<u>Ambient</u>						

Hazardous Materials And Wastes Inventory Matrix Report

CERS Business/Org. PACIFIC BELL TELEPHONE COMPANY dba AT&T CALIFORNIA	Chemical Location <div style="border: 1px solid black; height: 20px; width: 100%;"></div>	CERS ID 10085656
Facility Name AT&T California - N4050 1700 Space Park Dr, Santa Clara 95054		Facility ID 43-010-008274
		Status Submitted on 5/28/2021 4:36 AM

DOT Code/Fire Haz. Class	Common Name	Unit	Quantities			Annual Waste Amount	Federal Hazard Categories	Hazardous Components (For mixture only)		
			Max. Daily	Largest Cont.	Avg. Daily			Component Name	% Wt	EHS CAS No.
DOT: 3 - Flammable and Combustible Liquids Combustible Liquid, Class II	Diesel Fuel No. 2 <u>CAS No</u> 68476-34-6	Gallons	1000	1000	1000	0	- Physical Flammable - Health Carcinogenicity - Health Acute Toxicity - Health Skin Corrosion Irritation - Health Serious Eye Damage Eye Irritation - Health Specific Target Organ Toxicity - Health Aspiration Hazard			
		<u>State</u> Liquid	<u>Storage Container</u> Aboveground Tank		<u>Pressue</u> Ambient	<u>Waste Code</u>				
		<u>Type</u> Pure	Days on Site: 365		<u>Temperature</u> Ambient					

Hazardous Materials And Wastes Inventory Matrix Report

CERS Business/Org. PACIFIC BELL TELEPHONE COMPANY dba AT&T CALIFORNIA	Chemical Location <div style="border: 1px solid black; width: 100px; height: 20px; margin: 0 auto;"></div>	CERS ID 10085656
Facility Name AT&T California - N4050 1700 Space Park Dr, Santa Clara 95054		Facility ID 43-010-008274
		Status Submitted on 5/28/2021 4:36 AM

DOT Code/Fire Haz. Class	Common Name	Unit	Quantities			Annual Waste Amount	Federal Hazard Categories	Hazardous Components (For mixture only)		
			Max. Daily	Largest Cont.	Avg. Daily			Component Name	% Wt	EHS
DOT: 6.1 - Toxic Substances Toxic, Corrosive	Hazardous Wastes - Liquid Lab Packs <u>CAS No</u>	Gallons <u>State</u> Liquid <u>Type</u> Waste	55	55	55	110	- Physical Flammable - Physical Hazard Not Otherwise Classified - Health Acute Toxicity - Health Hazard Not Otherwise Classified			
	Universal Waste - Consumer Electronic Devices (E-Waste) <u>CAS No</u>	Pounds <u>State</u> Solid <u>Type</u> Waste	500	500	100	600	<u>Pressue</u> Ambient <u>Waste Code</u> 181 <u>Temperature</u> Ambient			

Hazardous Materials And Wastes Inventory Matrix Report

CERS Business/Org. PACIFIC BELL TELEPHONE COMPANY dba AT&T CALIFORNIA	Chemical Location <div style="border: 1px solid black; width: 100px; height: 20px; margin: 0 auto;"></div>	CERS ID 10085656
Facility Name AT&T California - N4050 1700 Space Park Dr, Santa Clara 95054		Facility ID 43-010-008274
		Status Submitted on 5/28/2021 4:36 AM

DOT Code/Fire Haz. Class	Common Name	Unit	Quantities			Annual Waste Amount	Federal Hazard Categories	Hazardous Components (For mixture only)		
			Max. Daily	Largest Cont.	Avg. Daily			Component Name	% Wt	EHS CAS No.
DOT: 6.1 - Toxic Substances Toxic, Corrosive	Hazardous Wastes - Solids Lab Packs CAS No	Pounds	500	500	200	500	- Physical Flammable			
		<u>State</u> Solid	<u>Storage Container</u> Steel Drum		<u>Pressue</u> Ambient	<u>Waste Code</u> 223	- Physical Hazard Not Otherwise Classified			
		<u>Type</u> Waste	Days on Site: 365		<u>Temperature</u> Ambient		- Health Acute Toxicity - Health Hazard Not Otherwise Classified			
DOT: 3 - Flammable and Combustible Liquids Flammable Liquid, Class I-B	Waste Misc Aerosols CAS No	Pounds	500	500	50	500	- Physical Flammable			
		<u>State</u> Solid	<u>Storage Container</u> Steel Drum		<u>Pressue</u> Ambient	<u>Waste Code</u> 352	- Physical Gas Under Pressure			
		<u>Type</u> Waste	Days on Site: 365		<u>Temperature</u> Ambient		- Physical Hazard Not Otherwise Classified			
							- Health Hazard Not Otherwise Classified			

Auto Chlor System

3400 Thomas Road

Not CalARP Regulated

Approximately 0.19 mile from site

2/25/21 Haz Mat Inventory

Hazardous Materials And Wastes Inventory Matrix Report

CERS Business/Org. Auto Chlor System of Northern CA Facility Name AUTO CHLOR SYSTEM 3400 THOMAS, SANTA CLARA 95054	Chemical Location <div style="border: 1px solid black; height: 20px; width: 100%;"></div>	CERS ID 10085707 Facility ID 43-010-049695 Status Submitted on 2/25/2021 10:02 AM
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DOT Code/Fire Haz. Class	Common Name	Unit	Quantities			Annual Waste Amount	Federal Hazard Categories	Hazardous Components (For mixture only)		
			Max. Daily	Largest Cont.	Avg. Daily			Component Name	% Wt	EHS CAS No.
DOT: 8 - Corrosives (Liquids and Solids)	SODIUM HYDROXIDE	Gallons	3000	3000	1500	0	- Physical Corrosive To Metal			
Corrosive	CAS No 1310-73-2	State Liquid	Storage Container Aboveground Tank		Pressue Ambient	Waste Code	- Health Acute Toxicity - Health Skin Corrosion Irritation - Health Serious Eye Damage Eye Irritation			
		Type Pure	Days on Site: 365		Temperature Ambient					
DOT: 8 - Corrosives (Liquids and Solids)	Super 8	Gallons	2500	2500	1500	0	- Physical Corrosive To Metal	Sodium Hypochlorite	10 %	7681-52-9
Corrosive	CAS No	State Liquid	Storage Container Aboveground Tank		Pressue Ambient	Waste Code	- Health Acute Toxicity - Health Skin Corrosion Irritation - Health Serious Eye Damage Eye Irritation			
		Type Mixture	Days on Site: 365		Temperature Ambient					

Hazardous Materials And Wastes Inventory Matrix Report

CERS Business/Org. Auto Chlor System of Northern CA Facility Name AUTO CHLOR SYSTEM 3400 THOMAS, SANTA CLARA 95054	Chemical Location <div style="border: 1px solid black; width: 150px; height: 20px; margin: 0 auto;"></div>	CERS ID 10085707 Facility ID 43-010-049695 Status Submitted on 2/25/2021 10:02 AM
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DOT Code/Fire Haz. Class	Common Name	Unit	Quantities			Annual Waste Amount	Federal Hazard Categories	Hazardous Components (For mixture only)		
			Max. Daily	Largest Cont.	Avg. Daily			Component Name	% Wt	EHS CAS No.
DOT: 8 - Corrosives (Liquids and Solids) Corrosive, Toxic	AMMONIUM HYDROXIDE	Gallons	100	55	30		- Physical Corrosive To Metal			
	<u>CAS No</u>	<u>State</u>	<u>Storage Container</u>	<u>Pressue</u>	<u>Waste Code</u>	122	- Health Acute Toxicity - Health Skin Corrosion Irritation - Health Serious Eye Damage Eye Irritation			
	1336-21-6	Liquid	Plastic/Non-metalic Drum, Plastic Bottle or Jug	Ambient						
		<u>Type</u>	Pure	Days on Site: 365	Ambient					
DOT: 8 - Corrosives (Liquids and Solids)	Auto-Chlor Concentrate No 17	Gallons	110	55	50		- Physical Corrosive To Metal	Polyacrylic Acid	46 %	9003-01-4
	<u>CAS No</u>	<u>State</u>	<u>Storage Container</u>	<u>Pressue</u>	<u>Waste Code</u>		- Health Acute Toxicity - Health Skin Corrosion Irritation - Health Serious Eye Damage Eye Irritation			
		Liquid	Plastic/Non-metalic Drum	Ambient						
		<u>Type</u>	Mixture	Days on Site: 365	Ambient					
DOT: 3 - Flammable and Combustible Liquids	Auto-Chlor Concentrate No 75	Gallons	110	55	50		- Physical Flammable - Health Acute Toxicity	Tallow Amido Ethyl Isopropanol	70 % 30 %	68410-69-5 67-63-0
	<u>CAS No</u>	<u>State</u>	<u>Storage Container</u>	<u>Pressue</u>	<u>Waste Code</u>					
		Liquid	Plastic/Non-metalic Drum	Ambient						
		<u>Type</u>	Mixture	Days on Site: 365	Ambient					
DOT: 8 - Corrosives (Liquids and Solids)	Auto-Chlor Concentrate UC6	Gallons	220	55	100		- Physical Corrosive To Metal	Sodium Lauryl Sulfate Monoethanolamine Hexylene Glycol	50 % 30 % 25 %	151-21-3 141-43-5 107-41-5
	<u>CAS No</u>	<u>State</u>	<u>Storage Container</u>	<u>Pressue</u>	<u>Waste Code</u>		- Health Acute Toxicity - Health Skin Corrosion Irritation - Health Serious Eye Damage Eye Irritation			
		Liquid	Plastic/Non-metalic Drum	Ambient						
		<u>Type</u>	Mixture	Days on Site: 365	Ambient					

Hazardous Materials And Wastes Inventory Matrix Report

CERS Business/Org. Auto Chlor System of Northern CA Facility Name AUTO CHLOR SYSTEM 3400 THOMAS, SANTA CLARA 95054	Chemical Location <div style="border: 1px solid black; width: 150px; height: 20px; margin: 0 auto;"></div>	CERS ID 10085707 Facility ID 43-010-049695 Status Submitted on 2/25/2021 10:02 AM
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DOT Code/Fire Haz. Class	Common Name	Unit	Quantities			Annual Waste Amount	Federal Hazard Categories	Hazardous Components (For mixture only)		
			Max. Daily	Largest Cont.	Avg. Daily			Component Name	% Wt	EHS CAS No.
DOT: 8 - Corrosives (Liquids and Solids) Corrosive	Brew Kleen Alkaline	Gallons	60	5	30	0	- Physical Corrosive To	Sodium Hydroxide	72 %	1310-73-2
	<u>CAS No</u>	<u>State</u>	<u>Storage Container</u>		<u>Pressue</u>		<u>Waste Code</u>	Metal		
		Liquid	Plastic Bottle or Jug		Ambient			- Health Acute Toxicity		
		<u>Type</u>	Mixture	Days on Site: 180		Ambient		- Health Skin Corrosion Irritation - Health Serious Eye Damage Eye Irritation		
DOT: 8 - Corrosives (Liquids and Solids) Corrosive	Brew Kleen Chlorinated Alkaline	Gallons	60	5	30	0	- Physical Corrosive To	Potassium Hydroxide	5 %	1310-58-3
	<u>CAS No</u>	<u>State</u>	<u>Storage Container</u>		<u>Pressue</u>		<u>Waste Code</u>	Metal		
		Liquid	Plastic Bottle or Jug		Ambient			- Health Acute Toxicity		
		<u>Type</u>	Mixture	Days on Site: 180		Ambient		- Health Skin Corrosion Irritation - Health Serious Eye Damage Eye Irritation		
DOT: 8 - Corrosives (Liquids and Solids) Corrosive	BTC 8358	Gallons	330	55	100		- Physical Flammable	Alkyl Dimethyl Benzyl Ammonium	80 %	68424-85-1
	<u>CAS No</u>	<u>State</u>	<u>Storage Container</u>		<u>Pressue</u>		<u>Waste Code</u>	Ethanol	15 %	64-17-5
		Liquid	Plastic/Non-metalic Drum		Ambient			- Physical Corrosive To		
		<u>Type</u>	Mixture	Days on Site: 365		Ambient		Metal - Health Acute Toxicity - Health Skin Corrosion Irritation - Health Serious Eye Damage Eye Irritation		
	CITRIC ACID	Pounds	2000	50	900		- Health Acute Toxicity			
	<u>CAS No</u>	<u>State</u>	<u>Storage Container</u>		<u>Pressue</u>		<u>Waste Code</u>			
	77-92-9	Solid	Bag		Ambient			- Health Serious Eye Damage Eye Irritation		
		<u>Type</u>	Pure	Days on Site: 365		Ambient				

Hazardous Materials And Wastes Inventory Matrix Report

CERS Business/Org. Auto Chlor System of Northern CA Facility Name AUTO CHLOR SYSTEM 3400 THOMAS, SANTA CLARA 95054	Chemical Location <div style="border: 1px solid black; width: 150px; height: 20px; margin: 0 auto;"></div>	CERS ID 10085707 Facility ID 43-010-049695 Status Submitted on 2/25/2021 10:02 AM
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DOT Code/Fire Haz. Class	Common Name	Unit	Quantities			Annual Waste Amount	Federal Hazard Categories	Hazardous Components (For mixture only)		
			Max. Daily	Largest Cont.	Avg. Daily			Component Name	% Wt	EHS CAS No.
DOT: 8 - Corrosives (Liquids and Solids) Corrosive	Fabra Kleen Eliminator	Gallons	200	5	125	0	- Physical Corrosive To Metal	Potassium Hydroxide	10 %	1310-58-3
	<u>CAS No</u>	<u>State</u>	<u>Storage Container</u>		<u>Pressue</u>	<u>Waste Code</u>	- Health Acute Toxicity - Health Skin Corrosion Irritation - Health Serious Eye Damage Eye Irritation			
		Liquid	Plastic Bottle or Jug		Ambient					
		<u>Type</u> Mixture	Days on Site: 365		Ambient					
DOT: 8 - Corrosives (Liquids and Solids) Corrosive	Fabra Kleen Maximizer	Gallons	200	5	120	0	- Physical Corrosive To Metal	Sodium Hydroxide	37 %	1310-73-2
	<u>CAS No</u>	<u>State</u>	<u>Storage Container</u>		<u>Pressue</u>	<u>Waste Code</u>	- Health Acute Toxicity - Health Skin Corrosion Irritation - Health Serious Eye Damage Eye Irritation			
		Liquid	Plastic Bottle or Jug		Ambient					
		<u>Type</u> Mixture	Days on Site: 365		Ambient					
DOT: 5.1 - Oxidizing Substances Oxidizing, Class 2	Fabra Kleen Oxygen Destainer	Gallons	70	5	35	0	- Physical Oxidizer Hydrogen Peroxide 35%	Hydrogen Peroxide 35%	52 %	7722-81-1
	<u>CAS No</u>	<u>State</u>	<u>Storage Container</u>		<u>Pressue</u>	<u>Waste Code</u>	- Physical Corrosive To Metal - Health Acute Toxicity - Health Skin Corrosion Irritation - Health Respiratory Skin Sensitization - Health Serious Eye Damage Eye Irritation			
		Liquid	Plastic Bottle or Jug		Ambient					
		<u>Type</u> Mixture	Days on Site: 365		Ambient					

Hazardous Materials And Wastes Inventory Matrix Report

CERS Business/Org. Auto Chlor System of Northern CA Facility Name AUTO CHLOR SYSTEM 3400 THOMAS, SANTA CLARA 95054	Chemical Location <div style="border: 1px solid black; height: 20px; width: 100%;"></div>	CERS ID 10085707 Facility ID 43-010-049695 Status Submitted on 2/25/2021 10:02 AM
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DOT Code/Fire Haz. Class	Common Name	Unit	Quantities			Annual Waste Amount	Federal Hazard Categories	Hazardous Components (For mixture only)		
			Max. Daily	Largest Cont.	Avg. Daily			Component Name	% Wt	EHS CAS No.
DOT: 8 - Corrosives (Liquids and Solids)	Fabra Kleen Soft & Sour	Gallons	200	5	80	0	- Physical Corrosive To	Fluorosilicic Acid 23%	25 %	16961-83-4
Corrosive	<u>CAS No</u>	<u>State</u> Liquid	<u>Storage Container</u> Plastic Bottle or Jug		<u>Pressue</u> Ambient	<u>Waste Code</u>	Metal - Health Acute Toxicity - Health Skin Corrosion Irritation - Health Serious Eye Damage Eye Irritation			
		<u>Type</u> Mixture	Days on Site: 365		<u>Temperature</u> Ambient					
DOT: 8 - Corrosives (Liquids and Solids)	Fabra Kleen Terminator	Gallons	600	5	325	0	- Physical Corrosive To	Sodium Hydroxide	22 %	1310-73-2
Corrosive	<u>CAS No</u>	<u>State</u> Liquid	<u>Storage Container</u> Plastic Bottle or Jug		<u>Pressue</u> Ambient	<u>Waste Code</u>	Metal - Health Acute Toxicity - Health Skin Corrosion Irritation - Health Serious Eye Damage Eye Irritation			
		<u>Type</u> Mixture	Days on Site: 365		<u>Temperature</u> Ambient					
DOT: 8 - Corrosives (Liquids and Solids)	Floor Break	Gallons	150	2.5	50	0	- Physical Corrosive To	Potassium Hydroxide	10 %	1310-58-3
	<u>CAS No</u>	<u>State</u> Liquid	<u>Storage Container</u> Plastic Bottle or Jug		<u>Pressue</u> Ambient	<u>Waste Code</u>	Metal - Health Acute Toxicity - Health Skin Corrosion Irritation - Health Serious Eye Damage Eye Irritation			
		<u>Type</u> Mixture	Days on Site: 365		<u>Temperature</u> Ambient					
DOT: 3 - Flammable and Combustible Liquids	Freeze Kleen	Gallons	100	1	50	0	- Physical Flammable	Isopropanol	17 %	67-63-0
	<u>CAS No</u>	<u>State</u> Liquid	<u>Storage Container</u> Plastic Bottle or Jug		<u>Pressue</u> Ambient	<u>Waste Code</u>				
		<u>Type</u> Mixture	Days on Site: 365		<u>Temperature</u> Ambient					

Hazardous Materials And Wastes Inventory Matrix Report

CERS Business/Org. Auto Chlor System of Northern CA Facility Name AUTO CHLOR SYSTEM 3400 THOMAS, SANTA CLARA 95054	Chemical Location <div style="border: 1px solid black; height: 20px; width: 100%;"></div>	CERS ID 10085707 Facility ID 43-010-049695 Status Submitted on 2/25/2021 10:02 AM
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DOT Code/Fire Haz. Class	Common Name	Unit	Quantities			Annual Waste Amount	Federal Hazard Categories	Hazardous Components (For mixture only)		
			Max. Daily	Largest Cont.	Avg. Daily			Component Name	% Wt	EHS CAS No.
DOT: 8 - Corrosives (Liquids and Solids)	G.O.K.	Gallons	200	5	100	0	- Physical Corrosive To Metal - Health Acute Toxicity - Health Skin Corrosion Irritation - Health Serious Eye Damage Eye Irritation	Potassium Hydroxide	63 %	1310-58-3
	<u>CAS No</u>	<u>State</u>	<u>Storage Container</u>	<u>Pressue</u>	<u>Waste Code</u>					
		Liquid	Plastic Bottle or Jug	Ambient						
		<u>Type</u>	Mixture	Days on Site: 365	Ambient					
DOT: 8 - Corrosives (Liquids and Solids) Corrosive	Hydro Fluorosilicic Acid	Gallons	110	55	50	0	- Physical Corrosive To Metal - Health Acute Toxicity - Health Skin Corrosion Irritation - Health Respiratory Skin Sensitization - Health Serious Eye Damage Eye Irritation	Silicate(2-), hexafluoro-hydrogen (1:2)	95 %	16961-83-4
	<u>CAS No</u>	<u>State</u>	<u>Storage Container</u>	<u>Pressue</u>	<u>Waste Code</u>					
		Liquid	Plastic/Non-metalic Drum	Ambient						
		<u>Type</u>	Mixture	Days on Site: 365	Ambient					
DOT: 3 - Flammable and Combustible Liquids Flammable Liquid, Class I-B	ISOPROPANOL	Gallons	165	55	70	0	- Physical Flammable - Health Acute Toxicity			
	<u>CAS No</u>	<u>State</u>	<u>Storage Container</u>	<u>Pressue</u>	<u>Waste Code</u>					
		Liquid	Plastic/Non-metalic Drum	Ambient						
		<u>Type</u>	Mixture	Days on Site: 365	Ambient					
DOT: 8 - Corrosives (Liquids and Solids) Corrosive	KLEEN DUTY SUPREME	Pounds	5000	9	2500	0	- Physical Corrosive To Metal - Health Acute Toxicity - Health Skin Corrosion Irritation - Health Serious Eye Damage Eye Irritation	Sodium Hydroxide	47 %	1310-73-2
	<u>CAS No</u>	<u>State</u>	<u>Storage Container</u>	<u>Pressue</u>	<u>Waste Code</u>					
		Solid	Plastic Bottle or Jug	Ambient						
		<u>Type</u>	Mixture	Days on Site: 365	Ambient					

Hazardous Materials And Wastes Inventory Matrix Report

CERS Business/Org. Auto Chlor System of Northern CA Facility Name AUTO CHLOR SYSTEM 3400 THOMAS, SANTA CLARA 95054	Chemical Location <div style="border: 1px solid black; height: 20px; width: 100%;"></div>	CERS ID 10085707 Facility ID 43-010-049695 Status Submitted on 2/25/2021 10:02 AM
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DOT Code/Fire Haz. Class	Common Name	Unit	Quantities			Annual Waste Amount	Federal Hazard Categories	Hazardous Components (For mixture only)		
			Max. Daily	Largest Cont.	Avg. Daily			Component Name	% Wt	EHS CAS No.
DOT: 8 - Corrosives (Liquids and Solids)	Mach Washmate NP	Gallons	1500	55	800	0	- Physical Corrosive To	Sodium Hydroxide	36 %	1310-73-2
Corrosive	<u>CAS No</u>	<u>State</u> Liquid	<u>Storage Container</u> Plastic/Non-metalic Drum, Plastic Bottle or Jug		<u>Pressue</u> Ambient	<u>Waste Code</u>	Metal - Health Acute Toxicity - Health Skin Corrosion Irritation - Health Serious Eye Damage Eye Irritation			
		<u>Type</u> Mixture	Days on Site: 365		<u>Temperature</u> Ambient					
DOT: 8 - Corrosives (Liquids and Solids)	Machine Detergent No. 3x	Gallons	2500	1250	1000	0	- Physical Corrosive To	Sodium Hydroxide	20 %	1310-73-2
Corrosive	<u>CAS No</u>	<u>State</u> Liquid	<u>Storage Container</u> Aboveground Tank, Plastic Bottle or Jug		<u>Pressue</u> Ambient	<u>Waste Code</u>	Metal - Health Acute Toxicity - Health Skin Corrosion Irritation - Health Serious Eye Damage Eye Irritation			
		<u>Type</u> Mixture	Days on Site: 365		<u>Temperature</u> Ambient					
DOT: 8 - Corrosives (Liquids and Solids)	PHOSPHORIC ACID	Gallons	165	55	50	0	- Physical Corrosive To			
Corrosive	<u>CAS No</u> 7664-38-2	<u>State</u> Liquid	<u>Storage Container</u> Plastic/Non-metalic Drum		<u>Pressue</u> Ambient	<u>Waste Code</u>	Metal - Health Acute Toxicity - Health Skin Corrosion Irritation - Health Respiratory Skin Sensitization - Health Serious Eye Damage Eye Irritation			
		<u>Type</u> Pure	Days on Site: 365		<u>Temperature</u> Ambient					
DOT: 8 - Corrosives (Liquids and Solids)	POTASSIUM HYDROXIDE 10-45%	Gallons	275	55	150	0	- Physical Corrosive To			
Corrosive	<u>CAS No</u> 1310-58-3	<u>State</u> Liquid	<u>Storage Container</u> Plastic/Non-metalic Drum		<u>Pressue</u> Ambient	<u>Waste Code</u>	Metal - Health Acute Toxicity - Health Skin Corrosion Irritation - Health Serious Eye Damage Eye Irritation			
		<u>Type</u> Pure	Days on Site: 365		<u>Temperature</u> Ambient					

Hazardous Materials And Wastes Inventory Matrix Report

CERS Business/Org. Auto Chlor System of Northern CA Facility Name AUTO CHLOR SYSTEM 3400 THOMAS, SANTA CLARA 95054	Chemical Location <div style="border: 1px solid black; height: 20px; width: 100%;"></div>	CERS ID 10085707 Facility ID 43-010-049695 Status Submitted on 2/25/2021 10:02 AM
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DOT Code/Fire Haz. Class	Common Name	Unit	Quantities			Annual Waste Amount	Federal Hazard Categories	Hazardous Components (For mixture only)		
			Max. Daily	Largest Cont.	Avg. Daily			Component Name	% Wt	EHS CAS No.
DOT: 8 - Corrosives (Liquids and Solids) Corrosive	Scale Kleen	Gallons	200	1	80	0	- Physical Corrosive To	Phosphoric Acid	28 %	7664-38-2
	<u>CAS No</u>	<u>State</u>	<u>Storage Container</u>		<u>Pressue</u>	<u>Waste Code</u>	Metal	Nitric Acid	23 %	✓ 7697-37-2
		Liquid	Plastic Bottle or Jug		Ambient		- Health Acute Toxicity			
		<u>Type</u>	Mixture	Days on Site: 365	Ambient		- Health Skin Corrosion Irritation - Health Respiratory Skin Sensitization - Health Serious Eye Damage Eye Irritation			
DOT: 8 - Corrosives (Liquids and Solids) Corrosive	Soak Tank Cleaner	Gallons	150	5	40		- Physical Corrosive To	Potassium Hydroxide	50 %	1310-58-3
	<u>CAS No</u>	<u>State</u>	<u>Storage Container</u>		<u>Pressue</u>	<u>Waste Code</u>	Metal			
		Liquid	Plastic Bottle or Jug		Ambient		- Health Acute Toxicity			
		<u>Type</u>	Mixture	Days on Site: 365	Ambient		- Health Skin Corrosion Irritation - Health Serious Eye Damage Eye Irritation			
	Sodium Tripolyphosphate	Pounds	5000	50	2000	0	- Health Skin Corrosion	Triphosphoric Acid, Sodium Salt (1:5)	94 %	7758-29-4
	<u>CAS No</u>	<u>State</u>	<u>Storage Container</u>		<u>Pressue</u>	<u>Waste Code</u>	Irritation	Diphosphoric Acid, Sodium Salt (1:4)	6 %	7722-88-5
		Solid	Bag		Ambient		- Health Serious Eye Damage Eye Irritation			
		<u>Type</u>	Mixture	Days on Site: 365	Ambient					
	Solution QA	Gallons	1000	5	350	0	- Health Skin Corrosion	n-Alkyl	5 %	68424-85-1
	<u>CAS No</u>	<u>State</u>	<u>Storage Container</u>		<u>Pressue</u>	<u>Waste Code</u>	Irritation			
		Liquid	Plastic Bottle or Jug		Ambient		- Health Serious Eye Damage Eye Irritation			
		<u>Type</u>	Mixture	Days on Site: 365	Ambient					
	Triton DF-12	Gallons	110	55	55		- Health Serious Eye Damage Eye Irritation			
	<u>CAS No</u>	<u>State</u>	<u>Storage Container</u>		<u>Pressue</u>	<u>Waste Code</u>				
	68154-99-4	Liquid	Plastic/Non-metalic Drum		Ambient					
		<u>Type</u>	Mixture	Days on Site: 365	Ambient					

Hazardous Materials And Wastes Inventory Matrix Report

CERS Business/Org. Auto Chlor System of Northern CA	Chemical Location <div style="border: 1px solid black; height: 20px; width: 100%;"></div>	CERS ID 10085707
Facility Name AUTO CHLOR SYSTEM		Facility ID 43-010-049695
3400 THOMAS, SANTA CLARA 95054		Status Submitted on 2/25/2021 10:02 AM

DOT Code/Fire Haz. Class	Common Name	Unit	Quantities			Annual Waste Amount	Federal Hazard Categories	Hazardous Components (For mixture only)		
			Max. Daily	Largest Cont.	Avg. Daily			Component Name	% Wt	EHS CAS No.
DOT: 8 - Corrosives (Liquids and Solids)	Vanwet SXS 40%	Gallons	110	55	50	0	- Physical	Benzenesulfonic Acid (C10-C16)	95 %	68584-22-5
	<u>CAS No</u>	<u>State</u>	<u>Storage Container</u>		<u>Pressue</u>		Corrosive To			
Corrosive		Liquid	Plastic/Non-metalic Drum		Ambient		Metal	Sulfuric Acid	1 %	✓ 7664-93-9
		<u>Type</u>	Mixture	Days on Site: 365	<u>Temperature</u>		- Health Carcinogenicity - Health Acute Toxicity - Health Skin Corrosion Irritation - Health Respiratory Skin Sensitization - Health Serious Eye Damage Eye Irritation			

Hazardous Materials And Wastes Inventory Matrix Report

CERS Business/Org. Auto Chlor System of Northern CA Facility Name AUTO CHLOR SYSTEM 3400 THOMAS, SANTA CLARA 95054	Chemical Location <div style="background-color: #cccccc; width: 50px; height: 20px; margin: 0 auto;"></div>	CERS ID 10085707 Facility ID 43-010-049695 Status Submitted on 2/25/2021 10:02 AM
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DOT Code/Fire Haz. Class	Common Name	Unit	Quantities			Annual Waste Amount	Federal Hazard Categories	Hazardous Components (For mixture only)		
			Max. Daily	Largest Cont.	Avg. Daily			Component Name	% Wt	EHS CAS No.
DOT: 8 - Corrosives (Liquids and Solids) Corrosive	Brew Kleen Acidic Brew	Gallons	60	5	35	0	- Physical Corrosive To Metal	Phosphoric Acid	28 %	7664-38-2
	<u>CAS No</u>	<u>State</u> Liquid	<u>Storage Container</u> Plastic Bottle or Jug		<u>Pressue</u> Ambient	<u>Waste Code</u>	Nitric Acid	23 %	✓ 7697-37-2	
		<u>Type</u> Mixture	Days on Site: 180		<u>Temperature</u> Ambient		- Health Acute Toxicity - Health Skin Corrosion Irritation - Health Serious Eye Damage Eye Irritation			
DOT: 8 - Corrosives (Liquids and Solids) Corrosive	MACH Envirowash	Gallons	300	1	150	0	- Physical Corrosive To Metal	Sodium Hydroxide	20 %	1310-73-2
	<u>CAS No</u>	<u>State</u> Liquid	<u>Storage Container</u> Plastic Bottle or Jug		<u>Pressue</u> Ambient	<u>Waste Code</u>	Potassium Hydroxide	8 %	1310-58-3	
		<u>Type</u> Mixture	Days on Site: 365		<u>Temperature</u> Ambient		- Health Acute Toxicity - Health Skin Corrosion Irritation - Health Serious Eye Damage Eye Irritation			
DOT: 8 - Corrosives (Liquids and Solids) Corrosive	Silvertch 3X	Gallons	100	5	20	0	- Physical Corrosive To Metal	Sodium Hydroxide	20 %	1310-73-2
	<u>CAS No</u>	<u>State</u> Liquid	<u>Storage Container</u> Plastic Bottle or Jug		<u>Pressue</u> Ambient	<u>Waste Code</u>				
		<u>Type</u> Mixture	Days on Site: 365		<u>Temperature</u> Ambient		- Health Acute Toxicity - Health Skin Corrosion Irritation - Health Serious Eye Damage Eye Irritation			
DOT: 8 - Corrosives (Liquids and Solids) Corrosive	Ultra D-Grease Supreme	Gallons	500	1	200	0	- Physical Corrosive To Metal	Sodium Hydroxide	20 %	1310-73-2
	<u>CAS No</u>	<u>State</u> Liquid	<u>Storage Container</u> Plastic Bottle or Jug		<u>Pressue</u> Ambient	<u>Waste Code</u>				
		<u>Type</u> Mixture	Days on Site: 365		<u>Temperature</u> Ambient		- Health Acute Toxicity - Health Skin Corrosion Irritation - Health Serious Eye Damage Eye Irritation			

Hazardous Materials And Wastes Inventory Matrix Report

CERS Business/Org. Auto Chlor System of Northern CA	Chemical Location <div style="border: 1px solid black; width: 50px; height: 20px; margin: 0 auto;"></div>	CERS ID 10085707
Facility Name AUTO CHLOR SYSTEM		Facility ID 43-010-049695
3400 THOMAS, SANTA CLARA 95054		Status Submitted on 2/25/2021 10:02 AM

DOT Code/Fire Haz. Class	Common Name	Unit	Quantities			Annual Waste Amount	Federal Hazard Categories	Hazardous Components (For mixture only)		
			Max. Daily	Largest Cont.	Avg. Daily			Component Name	% Wt	EHS CAS No.
DOT: 8 - Corrosives (Liquids and Solids) Corrosive	D-GREASE <u>CAS No</u>	Gallons	300	5	125	0	- Physical Corrosive To Metal - Health Acute Toxicity - Health Skin Corrosion Irritation - Health Serious Eye Damage Eye Irritation	SODIUM HYDROXIDE	5 %	1310-73-2
		<u>State</u>	<u>Storage Container</u>		<u>Pressue</u>	<u>Waste Code</u>				
		Liquid	Plastic Bottle or Jug		Ambient					
		<u>Type</u>			<u>Temperature</u>					
		Mixture	Days on Site: 365		Ambient					
DOT: 8 - Corrosives (Liquids and Solids) Corrosive	SUPER 8 <u>CAS No</u> 7681-52-9	Gallons	500	5	250	0	- Physical Corrosive To Metal - Health Acute Toxicity - Health Skin Corrosion Irritation - Health Serious Eye Damage Eye Irritation	SODIUM HYPOCHLORITE	8 %	7681-52-9
		<u>State</u>	<u>Storage Container</u>		<u>Pressue</u>	<u>Waste Code</u>				
		Liquid	Plastic Bottle or Jug		Ambient					
		<u>Type</u>			<u>Temperature</u>					
		Mixture	Days on Site: 365		Ambient					

Specialty Solid Waste & Recycling

3355 Thomas Road

Not CalARP Regulated

Approximately 0.17 mile from site

4/9/18 Haz Mat Inventory

Hazardous Materials And Wastes Inventory Matrix Report

CERS Business/Org.	SPECIALTY SOLID WASTE & RECYCLING	Chemical Location	CERS ID 10085704
Facility Name	SPECIALTY SOLID WASTE & RECYCLING	[REDACTED]	Facility ID 43-010-050052
	3355 THOMAS, SANTA CLARA 95054		Status Submitted on 4/9/2018 2:57 PM

DOT Code/Fire Haz. Class	Common Name	Unit	Quantities			Annual Waste Amount	Federal Hazard Categories	Hazardous Components (For mixture only)		
			Max. Daily	Largest Cont.	Avg. Daily			Component Name	% Wt	EHS CAS No.
DOT: 2.1 - Flammable Gases	ACETYLENE	Cu. Feet	616	154	308		- Physical			
Unstable (Reactive), Class 2, Flammable Gas	CAS No 74-86-2	State Gas	Storage Container Cylinder		Pressue < Ambient	Waste Code	Flammable - Physical Gas Under Pressure			
		Type Pure	Days on Site: 365		Temperature Ambient					
DOT: 2.2 - Nonflammable Gases	CARBON DIOXIDE	Cu. Feet	150	200	75		- Physical Gas Under Pressure			
	CAS No 124-38-9	State Gas	Storage Container Cylinder		Pressue < Ambient	Waste Code	- Physical Explosive - Health Simple Asphyxiant			
		Type Pure	Days on Site: 365		Temperature Ambient					
DOT: 3 - Flammable and Combustible Liquids	DIESEL	Gallons	10000	10000	500		- Physical Flammable	FUELS, DIESEL, NO. 2	100 %	
Combustible Liquid, Class II	CAS No 68334-30-5	State Liquid	Storage Container Aboveground Tank		Pressue Ambient	Waste Code 331	- Health Carcinogenicity - Health Aspiration Hazard	GAS OIL, LIGHT HYDRODESULFURIZED MIDDLE DISTILLATE	0 % 0 %	64741-44-2 64742-80-9
		Type Mixture	Days on Site: 365		Temperature Ambient					
DOT: 3 - Flammable and Combustible Liquids	HYDRAULIC OIL	Gallons	55	55	27		- Physical Flammable	PETROLEUM DISTILLATES	15 %	NA
Combustible Liquid, Class III-B	CAS No	State Liquid	Storage Container Steel Drum		Pressue Ambient	Waste Code		SOLVENT REFINED LIGHT PARAFFINE DISTILLATE PETROLEUM OIL	15 % 70 %	64741-89-5 64742-65-0
		Type Mixture	Days on Site: 365		Temperature Ambient					
DOT: 3 - Flammable and Combustible Liquids	MOTOR OIL	Gallons	350	350	50		- Physical Flammable	VARIOUS LUBRICATING BASE OILS	85 %	6474X-XX-X
Combustible Liquid, Class III-B	CAS No	State Liquid	Storage Container Aboveground Tank		Pressue Ambient	Waste Code 221		ADDITIVE PACKAGE, INCLUDING ZINC ALKYL DITHIOPHOSPHATE	15 % 2 %	MIXTURE 68649-42-3
		Type Mixture	Days on Site: 365		Temperature Ambient					
DOT: 3 - Flammable and Combustible Liquids	MOTOR OIL	Gallons	55	55	10		- Physical Flammable	VARIOUS LUBRICATING BASE OILS	85 %	6474X-XX-X
Combustible Liquid, Class III-B	CAS No	State Liquid	Storage Container Steel Drum		Pressue Ambient	Waste Code 221		ADDITIVE PACKAGE, INCLUDING ZINC ALKYL DITHIOPHOSPHATE	15 % 2 %	MIXTURE 68649-42-3
		Type Mixture	Days on Site: 365		Temperature Ambient					
DOT: 2.2 - Nonflammable Gases	OXYGEN	Cu. Feet	2256	282	1128		- Physical Flammable			
Oxidizing, Class 1	CAS No 7782-44-7	State Gas	Storage Container Cylinder		Pressue < Ambient	Waste Code	- Physical Gas Under Pressure - Physical Oxidizer			
		Type Pure	Days on Site: 365		Temperature Ambient					

Hazardous Materials And Wastes Inventory Matrix Report

CERS Business/Org.	SPECIALTY SOLID WASTE & RECYCLING	Chemical Location	CERS ID 10085704
Facility Name	SPECIALTY SOLID WASTE & RECYCLING	[REDACTED]	Facility ID 43-010-050052
	3355 THOMAS, SANTA CLARA 95054		Status Submitted on 4/9/2018 2:57 PM

DOT Code/Fire Haz. Class	Common Name	Unit	Quantities			Annual Waste Amount	Federal Hazard Categories	Hazardous Components (For mixture only)		
			Max. Daily	Largest Cont.	Avg. Daily			Component Name	% Wt	EHS CAS No.
DOT: 4.1 - Flammable Solids	USED ABSORBANT	Pounds	500	500	20	500	- Physical	OIL		64741884
Flammable Solid	CAS No	State	Storage Container		Pressue	Waste Code	Flammable			
		Solid	Steel Drum		Ambient	352				
		Type			Temperature					
		Waste	Days on Site: 365		Ambient					
DOT: 3 - Flammable and Combustible Liquids	USED OIL	Gallons	480	480	50	4000	- Physical			
Combustible Liquid, Class II	CAS No	State	Storage Container		Pressue	Waste Code	Flammable			
	NA	Liquid	Aboveground Tank		Ambient	221	- Health			
		Type			Temperature		Carcinogenicity			
		Waste	Days on Site: 365		Ambient		- Health Germ			
							Cell Mutagenicity			
DOT: 4.1 - Flammable Solids	USED OIL FILTERS	Pounds	500	500	100	2000	- Physical			
Flammable Solid	CAS No	State	Storage Container		Pressue	Waste Code	Flammable			
		Solid	Steel Drum		Ambient	181				
		Type			Temperature					
		Waste	Days on Site: 365		Ambient					

**Silicon Valley Animal
Control Authority**

3370 Thomas Road

Not CalARP Regulated

Approximately 0.17 mile from site

1/10/18 Haz Mat Inventory

Hazardous Materials And Wastes Inventory Matrix Report

CERS Business/Org. Silicon Valley Animal Control Authority Facility Name Silicon Valley Animal Control Authority 3370 Thomas Rd, Santa Clara 95054	Chemical Location	CERS ID 10088455 Facility ID 43-010-108665 Status Submitted on 1/10/2018 1:46 PM
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DOT Code/Fire Haz. Class	Common Name	Unit	Quantities			Annual Waste Amount	Federal Hazard Categories	Hazardous Components (For mixture only)		
			Max. Daily	Largest Cont.	Avg. Daily			Component Name	% Wt	EHS CAS No.
DOT: 3 - Flammable and Combustible Liquids	Diesel Fuel	Gallons	200	200	0		- Fire			
Combustible Liquid, Class II	CAS No 68334-30-5	State Liquid	Storage Container Aboveground Tank		Pressue	Waste Code	- Chronic health			
		Type Pure	Days on Site: 365		Temperature		- Physical			
							Flammable			
							- Physical			
							Explosive			
							- Health Skin			
							Corrosion			
							Irritation			
							- Health			
							Respiratory Skin			
							Sensitization			
							- Health Serious			
							Eye Damage Eye			
							Irritation			
							- Health			
							Aspiration Hazard			

NVIDIA Corp.

2001 Walsh Avenue

Not CalARP Regulated

Approximately 0.39 mile from site

4/12/21 Haz Mat Inventory

