

CALIFORNIA ENVIRONMENTAL QUALITY ACT**NOTICE OF EXEMPTION**

To: Office of Planning and Research
State Clearinghouse
P.O. Box 3044, 1400 Tenth Street, Room 212
Sacramento, California 95812-3044

From: Department of Toxic Substances Control
Permitting Division
8800 Cal Center Drive
Sacramento, California 95826

Project Title: EMERGENCY PERMIT FOR TREATMENT OF HAZARDOUS WASTE, MERCK RESEARCH LABS, SOUTH SAN FRANCISCO, CALIFORNIA

Project Location: 213 East Grand Avenue, South San Francisco, California 94080

County: San Mateo County

Project Applicant: Archie Matos, Lab Services Manager, Merck Research Labs

Approval Action Under Consideration by DTSC: Emergency Permit

Statutory Authority: California Health and Safety Code, Chapter 6.5

Project Description: The California Department of Toxic Substances Control (DTSC), pursuant to authority granted under California Code of Regulations, Title 22, Division 4.5, Chapter 20, Section 66270.61, has issued an Emergency Permit to Merck Research Labs (EPA ID# CAR000057307) to treat hazardous waste through a controlled reaction with a chemical solution. Specifically, one (1) container of 1,4 Dioxane (1 x 100 milliliter), one (1) container of Acrylic Acid (1 x 10 milliliter) and one (1) container of Borane THF Complex (1 x 800 milliliter), must be stabilized prior to transport to an authorized hazardous waste treatment, storage, and disposal facility.

These chemicals are currently being stored at Merck Research Labs located at 213 East Grand Avenue, South San Francisco, California. DTSC has determined as a safety precaution to prevent an accident or severe injury, an Emergency Permit should be issued to chemically stabilize the hazardous waste prior to storage and eventual transportation off-site by Clean Harbors Environmental Services (CHES).

Background: The chemicals noted above include peroxide former or peroxide forming monomer. These chemicals produce peroxide compounds as it degrades (i.e., after the product's expiration date). The peroxide produced may be unstable at relatively low concentrations, resulting in fire and/or explosion if improperly managed. The chemicals noted above also include a shock and/or temperature sensitive material which can decompose or detonate with external energy when dry or concentrated. Solids are also prone to explosive decomposition if ground, for example with pestle and mortar. Static electricity or heating from sunlight may be enough to trigger a reaction, making

transport of non-stabilized chemicals hazardous. Chemical stabilization is recommended prior to transport to a permitted treatment, storage, and disposal facility.

Project Activities: The treatment of the hazardous waste involves the addition of solution to the containers in a controlled manner to reduce the reactive or ignitable characteristics of the chemicals. Treatment will take place within a designated exclusion zone. Only technicians from Clean Harbors will be allowed in the exclusion zone. Movement, preparation, and treatment of the containers will be in accordance with established standards.

Within ten business days of the expiration of this permit, Merck Research Labs will submit a final report, signed in accordance with Title 22, California Code of Regulations section 66270.11(d). The report shall include certification that the treatment area has been cleared of all residual hazardous waste generated from this emergency treatment and all generated waste has been effectively managed.

The Emergency Permit is effective beginning August 2, 2022 and shall expire on September 30, 2022.

Name of Public Agency Approving Project: Department of Toxic Substances Control

Name of Person or Agency Carrying Out Project: Clean Harbors Environmental Services

Exempt Status: Emergency Project [PRC, Sec. 21080(b)(4); 14 CCR, Sec.15269(b)(c)]

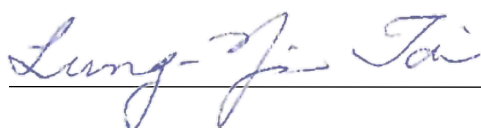
Reasons Why Project is Exempt: This action is necessary to prevent an emergency. Chemical stabilization of the chemicals is necessary prior to transportation to an authorized hazardous waste treatment, storage, and disposal facility to prevent accidental fire and/or explosion during transport.

The administrative record for this project is available to the public by appointment at the following location:

Department of Toxic Substances Control
File Room
Permitting Division
8800 Cal Center Drive
Sacramento, California 95826

Contact Person	Contact Title	Phone Number
Lung-Yin Tai	Hazardous Substances Engineer	916-255-3615

Approver's Signature:



Date:

July 20, 2022

Approver's Name

Approver's Title

Approver's Phone Number

Lung-Yin Tai

Hazardous Substances Engineer

916-255-3615

TO BE COMPLETED BY OPR ONLY

Date Received for Filing and Posting at OPR: