

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, CA 95812-3044

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

Project Title: EMERGENCY PERMIT FOR TREATMENT OF HAZARDOUS WASTE, LAWRENCE BERKELEY NATIONAL LABORATORY, BERKELEY, CA

Project Location: 1 Cyclotron Road, Building 55, Berkeley, CA 94720

County: Alameda County

Project Applicant: Nathan Black, Waste Management Professional, Lawrence Berkeley National Laboratory

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 Lawrence Berkeley National Laboratory (LBNL) (EPA ID# CA4890008986) to treat hazardous waste through a controlled reaction with a chemical solution. The hazardous waste to be treated consist of the following: six 25-gram containers of Potassium, two 1-liter containers of 4-methyl-2-pentanone (methyl isobutyl ketone); one 25-gram, two 20-milliliter, one 10-milliliter containers of 2,2-Azobis (2-methylpropionitrile); two 20-milliliter, one 100-milliliter containers of Ethylene glycol dimethacrylate; one 100-milliliter container of Styrene; and one 20-milliliter container of Sodium.

The chemicals are expired and currently being stored at LBNL located 1 Cyclotron Road, Building 55, Berkeley, CA 94720. 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 (Clean Harbors).

Background: Some chemicals identified in the tables produce peroxides as they degrade (i.e. after the product's expiration date). The peroxides produced may be unstable at relatively low concentrations, resulting in fire and/or explosion if improperly handled. Chemical stabilization is recommended prior to transport to a permitted storage, treatment, and disposal facility.

Some chemicals identified in the tables are shock sensitive or shock/temperature sensitive compounds. Instability can be introduced as the chemicals and/or storage containers degrade (i.e. after the product's expiration date). Chemical stabilization is recommended prior to transport to a permitted storage, treatment, and disposal facility.

Project Activities: The treatment of the hazardous waste involves the addition of solution to the container in a controlled manner to reduce the reactive or ignitable characteristics of the chemical. 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 10 business days of the expiration of this permit, LBNL 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 properly managed.

The Emergency Permit is effective beginning January 8, 2022 and shall expire on April 6, 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(c)]

Reasons Why Project is Exempt: This action is necessary to prevent an emergency. Chemical stabilization of the chemical 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, CA 95826

Contact Person	Contact Title	Phone Number
Parisa Khosraviani	Hazardous Substances Engineer	(279) 895-5305

Approver's Signature:



Date:

December 29, 2021

Approver's Name	Approver's Title	Approver's Phone Number
Parisa Khosraviani	Hazardous Substances Engineer	(916) 255-6559

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