Department of Toxic Substances Control

Yana Garcia
Secretary for
Environmental Protection

Katherine M. Butler, MPH, Director
8800 Cal Center Drive
Sacramento, California 95826-3200
https://dtsc.ca.gov/

Gavin Newsom
Governor

CALIFORNIA ENVIRONMENTAL QUALITY ACT

NOTICE OF EXEMPTION

To: Office of Land Use and Climate Innovation (LCI)
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 Management of Hazardous Waste, University of California, Irvine, Environmental Health and Science, Irvine, California

Project Location: 4600 Health Sciences Road, Irvine, California 92697

County: Orange

Project Applicant: Eric Hoang, Environmental Compliance and Hazardous Waste Manager

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 (CCR), Title 22, Division 4.5, Chapter 20, Sec. 66270.61, has issued an Emergency Permit to the University of California, Irvine, Environmental Health and Science, (EPA ID# CAT000625293) to treat hazardous wastes through a controlled reaction with chemical solutions. Specifically, one (1) 1-liter container of Ethyl Ether, one (1) 100-gram container of Picric Acid, two (2) 250-gram containers of Benzoyl Peroxide, and one (1) 100-gram container of 2,2 Azobisisobutyronitrile must be stabilized prior to transport to an authorized hazardous waste treatment, storage, and disposal facility.

These chemicals are currently being stored at University of California, Irvine, Environmental Health and Science located at 4600 Health Sciences Road, Irvine,

California 92697. 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 wastes by Clean Harbors Environmental Services (Clean Harbors) prior to storage and eventual transportation off-site.

Background: One container has peroxide formation present on either the inside, outside, or the bottom of the chemicals' containers, as well as the thread container caps. The presence of peroxide formation may be unstable at relatively low concentrations, resulting in fire and/or explosion if improperly handled. Four containers have shock and/or temperature sensitive materials that can decompose or detonate with external energy when dry or concentrated. If the material is improperly handled, there is a potential for a reaction, which includes fire, deflagration, or detonation. Due to the presence of peroxide formation/shock-sensitive materials, DTSC considers these chemicals to be an imminent and substantial endangerment to human health and the environment. Chemical stabilization is recommended prior to transport to a permitted treatment, storage, and disposal facility.

Project Activities: The treatment of these hazardous wastes involves the addition of solutions 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 10 business days of the expiration of this permit, University of California, Irvine, Environmental Health and Science will submit a final report, signed in accordance with Title 22, CCR Sec. 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 December 17, 2025 and shall expire on March 16, 2026.

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 Public Resources Code (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
Permitting Division
File Room
8800 Cal Center Drive
Sacramento, CA 95826

State of California – California Environmental Protection Agency
Department of Toxic Substances Control

Approver's Name	Approver's Title	Approver's Phone Number
Joanna Louie	Hazardous Substances Engineer	(510) 540-3957

Approver's Signature: Date:

Joanna Louie December 3, 2025

TO BE COMPLETED BY LCI ONLY

Date Received for Filing and Posting at LCI: