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, UNIVERSITY OF CALIFORNIA-DAVIS, DAVIS, CA

Project Location: 2201 Environmental Services Lane, Davis, California 95616

County: Yolo County

Project Applicant: Pat Ruchirushkul, ESF Supervisor, University of California-Davis

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 the University of California-Davis, (EPA ID# CAD047120084) to treat hazardous waste through a controlled reaction with a chemical solution. Specifically, the following chemicals consisting of Potassium (1x1 lbs.), Picric Acid (1x4 L, 1x1 L), 2,5-Di(tert-butylperoxy)-2,5-dimethyl-3-hexyne (1x100ml) and Benzoyl Peroxide (3x50g) 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-Davis located at 2201 Environmental Services Lane, Davis, 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.

Background: Peroxide forming materials may spontaneously decompose and become explosive with or without external energy. Some peroxides may explode without being concentrated. Shock and/or temperature sensitive materials 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. If the material is improperly handled, there is a potential for a reaction, which includes fire, deflagration, or detonation. This makes transport of these waste 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 chemical. Treatment will take place within a designated exclusion zone. Only technicians from Clean Harbors Environmental Services 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-Davis 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 April 26, 2022 and shall expire on June 24, 2022.

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

Name of Person or Agency Carrying Out Project: Pat Ruchirushkul, ESF Supervisor, University of California-Davis

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

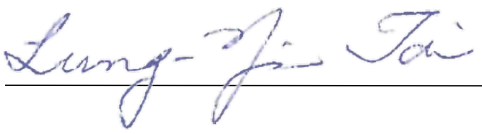
Reasons Why Project is Exempt: This action is necessary to prevent an emergency. Chemical stabilization of the chemicals is necessary prior to transportation to an authorized hazardous waste treatment, storage, and disposal facility to prevent accidental fire and/or explosion during transport.

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, CA 95826

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

Approver's Signature:



Date:

April 19, 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: