



Jared Blumenfeld
Secretary for Environmental
Protection



Department of Toxic Substances Control

Meredith Williams
Director
8800 Cal Center Drive
Sacramento, California 95826-3200



Gavin Newsom
Governor

January 31, 2019

Mr. Pat Ruchirushkul
ESF Supervisor
University of California - Davis
EHS Mailstop - FSF
1 Shields Avenue
Davis, California 95616

EMERGENCY PERMIT FOR TREATMENT OF HAZARDOUS WASTE, UNIVERSITY OF CALIFORNIA-DAVIS, YOLO COUNTY, EPA ID: CAD047120084

University of California-Davis (UC-Davis) has requested an Emergency Permit from the Department of Toxic Substances Control (DTSC) to allow Clean Harbor Environmental Services (CHES) to treat hazardous wastes by controlled reaction with a chemical solution. The hazardous wastes to be treated consist of the following items:

Description	Quantity	Hazard Designation	Container Size
Styrene	5	Peroxide, Monomer	3x100 milliliter, 1x 1Liter, 1x250 milliliter
Methacrylic Acid	1	Peroxide, Monomer	250 milliliters
Benzoyl Peroxide	1	Temperature, Shock Sensitive	50 gram
Diazald	1	Temperature, Shock Sensitive	100 gram

These chemicals are expired and currently being stored at UC-Davis located at 1 Shields Avenue, Davis, California 95616. It has been determined that these chemicals may be unstable and should be chemically stabilized as a safety precaution prior to transportation off site by CHES. The treatment of the hazardous waste involves the controlled addition of a solution to the containers to reduce the reactive or ignitable characteristics of the chemical.

Once the chemicals are treated, they will be transported offsite to a hazardous waste facility. CHES personnel are tentatively scheduled to arrive at the UC-Davis between February 8, 2019 and April 1, 2019 to conduct the treatment operation, in an exclusion

zone set up and maintained at the location outside the building (see Section 7.0 of the Permit Application).

Based on the authority in Title 22, California Code of Regulations (22 CCR), Division 4.5, Section 66270.61, DTSC finds there to be imminent and substantial endangerment to human health and the environment, and by way of this letter, issues this Emergency Permit to UC-Davis. The Emergency Permit is a temporary measure, which allows UC-Davis to have CHES personnel treat the chemicals so they can be safely transported offsite for proper management.

This Emergency Permit is not transferable to any other party and may not be used in any other capacity or for any other activity. This Emergency Permit may be revoked by DTSC at any time without process if it is determined that termination is appropriate to protect human health and the environment.

The Emergency Permit is effective beginning February 8, 2019 and shall expire on April 1, 2019. The treatment activities will be conducted by qualified Reactive Materials Technicians from CHES.

The following requirements are specific conditions of this Emergency Permit. Failure to comply with any of the following conditions may cause an immediate revocation of this Emergency Permit pursuant to 22 CCR, section 66270.61(b)(4), and could subject UC-Davis to enforcement action.

1. The treatment of the items mentioned above must be conducted by qualified personnel from CHES and shall take place within the designated exclusion zone as illustrated in the workplan submitted to DTSC by CHES on January 24, 2019. Only CHES Reactive Material Technicians with proper health and safety equipment and attire shall be allowed within the 50ft radius during the treatment and during the movement of the items from the storage location to the exclusion zone.
2. UC-Davis must have a predetermined route from the storage location to the exclusion zone that allows for unobstructed movement for CHES Reactive Material Technicians. Building Management and occupants must be notified of the treatment activity and any occupants must be moved as needed to meet the requirements of permit condition #1.
3. All items to be treated must be appropriately labeled and marked before CHES personnel arrive to the UC-Davis.
4. UC-Davis must notify the Certified Unified Public Agency (CUPA) and local Fire Department that this Emergency Permit has been issued by DTSC by the effective date.
5. In the event that UC-Davis identifies any releases of hazardous waste, UC-Davis must notify DTSC's Permitting Division orally within 24 hours of discovery.

6. The area must be inspected after treatment to ensure that there is no release of hazardous waste from the area. Any untreated waste must be immediately retreated or removed.
7. UC-Davis must allow inspection of records and of the UC-Davis by any duly-authorized representative of DTSC, in order to carry out the requirements of Chapter 6.5, Division 20 of the California Health and Safety Code.
8. Only the items listed in the table above may be treated. Additional quantity or type of hazardous waste may be treated if they follow the same treatment procedures listed in the January 24, 2019 workplan submitted to DTSC by CHES. UC-Davis must notify and request authorization from DTSC for any additional items that are discovered and that require a treatment process not described in the workplan.
9. The issuance of this Emergency Permit by DTSC does not release UC-Davis from any liability or duty imposed by federal or state statutes or regulations, or local ordinances. UC-Davis must obtain permits required by other governmental agencies, including but not limited to, the applicable land use planning, zoning, air quality, and water quality laws for the treatment operations.
10. Within 10 business days following the expiration of this Emergency Permit or the execution of the treatment operation in whichever is shorter, UC-Davis must submit a report signed, in accordance with Title 22 CCR, section 66270.11(d) to DTSC and the overseeing Certified Unified Program Agency (CUPA). The report must contain following certification statement, "I certify under penalty of law that this document and all attachments were prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel properly gather and evaluate the information submitted. Based on my inquiry of the person or persons who manage the system, or those persons directly responsible for gathering the information, the information submitted is, to the best of my knowledge and belief, true, accurate, and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment for knowing violations."

The report must state whether the treatment area has been cleared of all residual hazardous waste generated from this emergency treatment, and if all waste has been properly managed. The report must also contain a list of all the hazardous waste that was treated by CHES and a description of any deviations from the established guidelines of this Emergency Permit, or information submitted to DTSC.

This Emergency Permit is effective beginning February 8, 2019 and shall expire on April 1, 2019.

If you have any questions, please contact me at (916) 255-6559 or parisa.khosraviani@dtsc.ca.gov

Mr. Pat Ruchirushkul
January 31, 2019
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Sincerely,



Parisa Khosraviani
Hazardous Substance Engineer
Permitting Division
Hazardous Waste Management

Program cc: See next page

cc: Denise Tsuji
Environmental Program Manager I (Sup)
Sacramento Enforcement Branch
Hazardous Waste Management Program
Department of Toxic Substances Control
8800 Cal Center Drive, 2nd Floor
Sacramento, California 95826-3200
Denis.Tsuji@dtsc.ca.gov

Diana Peebler
Sr. Environmental Scientist (Sup)
Berkeley Enforcement & State Oversight Branch
Hazardous Waste Management Program
Department of Toxic Substances Control
700 Heinz Avenue, Suite 200
Berkeley, California 94710-2721
Diana.Peebler@dtsc.ca.gov