

NOTICE OF EXEMPTION**2019100618**

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 WASTES, EARLI, SOUTH SAN FRANCISCO, CALIFORNIA

Project Location: 329 Oyster Point Blvd, South San Francisco, San Mateo County

Project Applicant: Cyriac Roeding, Co-Founder & CEO, Earli

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 Earli (EPA ID# CAL000438096) to treat hazardous waste through a controlled reaction with a chemical solution. Specifically, 2 four-liter containers of tetrahydrofuran, acetone, and diethyl ether, peroxide forming materials, must be stabilized prior to transport to a permitted treatment, storage, and disposal facility.

The hazardous waste items are expired and is currently being stored on the Earli located at 329 Oyster Point Blvd., South San Francisco, CA 94080. 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 transportation off-site by Clean Harbors Environmental Service (CHES).

Background: Tetrahydrofuran, acetone, and diethyl ether produce peroxide 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. Static electricity or heating from sunlight may be enough to trigger some peroxides' reaction, making transport of non-stabilized tetrahydrofuran, acetone, and diethyl ether 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 CHES will be allowed in the exclusion zone. Movement, preparation, and treatment of the items will be in accordance with established standards.

Within 10 business days of the expiration of this permit, Earli 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 October 30, 2019 and shall expire on December 28, 2019.

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

Name of Person or Agency Carrying Out Project: Clean Harbors Environmental Service on behalf of Earli

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 tetrahydrofuran is necessary prior to transportation to a permitted 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
8800 Cal Center Drive
Sacramento, CA 95826

Contact Person
Hai-Yong Kang

Contact Title
Hazardous Substances Engineer

Phone Number
916-255-6522

October 29, 2019

Original signed by

Date

Approver Signature

Approver Name
Hai-Yong Kang

Approver's Title
Hazardous Substances Engineer

Approver's Phone Number
916-255-6522

TO BE COMPLETED BY OPR ONLY

Date Received for Filing and Posting at OPR:

Governor's Office of Planning & Research

OCT 30 2019

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