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Department of Toxic Substances Control

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EMERGENCY PERMIT FOR TREATMENT OF HAZARDOUS WASTE, GENENTECH BUILDING 7 (EPA ID: CAD080129000), BUILDING 15 (EPA ID: CAR000182634) AND, BUILDING 48 (EPA ID: CAR000182709)

Genentech SSF has requested an emergency permit from the Department of Toxic Substances Control (DTSC) to allow Clean Harbor Environmental Services (CHES) to treat hazardous waste by controlled reaction with chemical solutions. The hazardous waste to be treated consists of the following items:

Building 7 located at 700 Forbes Boulevard, South San Francisco, California 94080

Description	Quantity of Containers	Hazard Designation	Container Size
Tetrahydrofuran	1	Peroxide Forming Material	100 milliliters
Methyl Tert Butyl Ether	1	Peroxide Forming Material	4 liters
Tert Butyl Methyl Ether	1	Peroxide Forming Material	100 milliliters

Building 15 located at 340 Point San Bruno Boulevard, South San Francisco, CA 94080

Description	Quantity of Containers	Hazard Designation	Container Size
Tetrahydrofuran	6	Peroxide Forming Material	1 liter
Tetrahydrofuran	2	Peroxide Forming Material	500 milliliters
Tetrahydrofuran	2	Peroxide Forming Material	100 milliliters

Description	Quantity of Containers	Hazard Designation	Container Size
Methyl Tert Butyl Ether	2	Peroxide Forming Material	20 liters
Methyl Tert Butyl Ether	1	Peroxide Forming Material	1 liter
Methyl Tert Butyl Ether	1	Peroxide Forming Material	100 milliliters
Cyclopentyl-Methyl-Ether	7	Peroxide Forming Material	700 milliliters
Cyclopentyl-Methyl-Ether	1	Peroxide Forming Material	500 milliliters
Tert Butyl Methyl Ether	1	Peroxide Forming Material	2 liters
Methyl Tetrahydrofuran	6	Peroxide Forming Material	20 liters

Building 48 located at 647 East Grand Avenue, South San Francisco, California 94080

Description	Quantity of Containers	Hazard Designation	Container Size
Ethylene Glycol Dimethyl Ether	1	Peroxide Forming Material	100 milliliters
Tert Butyl Methyl Ether	1	Peroxide Forming Material	1 liter
Tert Butyl Methyl Ether	1	Peroxide Forming Material	500 milliliters
1-H Benzotriazole	1	Shock Sensitive Compounds	1000 grams
1-Hydroxybenzotriazole	1	Shock Sensitive Compounds	500 grams
Sodium Amide	1	Peroxide Forming Material	100 grams
2,4 Dinitrophenol	1	Shock Sensitive Compounds	100 grams
2,4-Dinitrophenylhydrazine	1	Shock Sensitive Compounds	100 grams
DiphenylphosphorylAzide	1	Shock Sensitive Compounds	100 grams
Borane THF Complex	2	Temp Sensitive Compound	100 milliliters
MEK Peroxide	1	Shock Sensitive Compounds	250 milliliters
Potassium	1	Peroxide Forming Material	25 grams

Description	Quantity of Containers	Hazard Designation	Container Size
1HTetrazole	1	Shock Sensitive Compounds	25 milliliters
Sodium Azide	1	Shock Sensitive Compounds	100 grams
Styrene	1	Peroxide/Polymerization Material	1 Liter
Methyl Methacrylate	1	Peroxide/Polymerization Material	1 Liter
Cyclohexadiene	1	Peroxide/Polymerization Material	250 milliliters
Isobutyl Vinyl Ether	1	Peroxide/Polymerization Material	100 milliliters
Benzoyl Peroxide	1	Shock/Temperature Sensitive Compounds	500 grams
2,2 Azobisisobutyronitrile	1	Shock/Temperature Sensitive Compounds	100 grams
Diazald	1	Shock/Temperature Sensitive Compounds	50 grams
Diethyl Azidocarboxylate	1	Shock Sensitive Compounds	50 grams
Picrylsulfonic Acid	1	Shock Sensitive Compounds	50 grams
3-Chloroperoxybenzoic Acid	1	Shock/Temperature Sensitive Compounds	100 grams
1-Hydroxy-7-abenzotriazole	1	Shock Sensitive Compounds	25 grams
1,3,5Trinitrobenzene	1	Shock Sensitive Compounds	50 grams
Picric Acid	1	Shock Sensitive Compounds	500 grams
Nitrocellulose	1	Shock Sensitive Compounds	100 grams
Picramic Acid	1	Shock Sensitive Compounds	50 grams
5-Amino-1H-Tetrazole	1	Shock Sensitive Compounds	25 grams

These chemicals are expired and currently being stored at Genentech Headquarters (Buildings 7, 1, 5, and 18) located in South San Francisco, California 94080. 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 container to reduce the reactive or ignitable characteristics of the chemical.

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Once the chemical is treated, it will be transported offsite to a hazardous waste facility. CHES personnel are tentatively scheduled to arrive at the facility between October 3, 2018 and January 1, 2019 to conduct the treatment operation, in an exclusion zone set up and maintained at the location outside each 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 an imminent and substantial endangerment to human health and the environment, and byway of this letter, issues this emergency permit to Genentech SSF. The emergency permit is a temporary measure, which allows Genentech SSF to have CHES personnel treat the chemicals so they can be safely transported offsite for proper management.

This permit is not transferable to any other party and may not be used in any other capacity or for any other activity. This 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 October 3, 2018 and shall expire on January 1, 2019. The treatment activities will be conducted by qualified Reactive Materials Technicians from CHES.

The following requirements are specific conditions of this permit. Failure to comply with any of the following conditions may cause an immediate revocation of this permit pursuant to 22 CCR, section 66270.61 (b)(4), and could subject Genentech SSF 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 September 14, 2018. Only CHES Reactive Material Technicians with proper health and safety equipment and attire shall be allowed in the designated exclusion zones during the treatment and during the movement of the items from the storage location to the exclusion zone.
2. Genentech SSF must have a predetermined route from the storage location to each 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 facility.
4. Genentech SSF 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 Genentech SSF identifies any releases of hazardous waste, Genentech SSF must notify DTSC's Permitting Division orally within 24 hours of discovery.

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- . 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. Genentech SSF must allow inspection of records and of the facility 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 tables above may be treated. Additional quantity or type of hazardous waste may be treated if they follow the same treatment procedures listed in the September 14, 2018 workplan submitted to DTSC by CHES. Genentech SSF 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 Permit by DTSC does not release Genentech SSF from any liability or duty imposed by federal or state statutes or regulations, or local ordinances. Genentech SSF 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 permit or the execution of the treatment operation in whichever is shorter, Genentech SSF 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."
11. The report must state whether the treatment areas have 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 October 3, 2018 and shall expire on January 1, 2019.

If you have any questions, please contact me at (916) 255-6668 or Vinke.Menardo@dtsc.ca.gov.

Sincerely,

Mr. Russel Shearer
September 26, 2018



Vinke Menardo
Hazardous Substance Engineer Permitting Division
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