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Secretary for
Environmental Protection



Edmund G. Brown Jr.
Governor

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EMERGENCY PERMIT FOR TREATMENT OF HAZARDOUS WASTE, GENENTECH SOUTH SAN FRANCISCO BUILDINGS 7 (EPA ID: CAD080129000), 15 (EPA ID: CAR000182634), AND 48 (EPA ID: CAR000182709), SAN MATEO COUNTY

Genentech South San Francisco 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 a chemical solution. The hazardous waste to be treated consists of the following items:

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

Description	Quantity	Hazard Designation	Container Size
Tetrahydrofuran	5	Peroxide Forming Material	5x0.25 liter
Methyl Tert Butyl Ether	1	Peroxide Forming Material	1x4 liter
Tert Butyl Methyl Ether	1	Peroxide Forming Material	1x0.25 liter

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

Description	Quantity	Hazard Designation	Container Size
Tetrahydrofuran	6	Peroxide Forming Material	4x1liter, 1x0.5liter, 1x0.1liter
Methyl Tert Butyl Ether	4	Peroxide Forming Material	2x20 liter, 1x1 liter, 1x0.1liter
Cyclopentyl Methyl Ether	2	Peroxide Forming Material	1x0.1liter, 1x0.5liter
Tert Butyl Methyl Ether	1	Peroxide Forming Material	1x2liter
Methyl Tetrahydrofuran	1	Peroxide Forming Material	1x20liter

Building 48 located at 645 East Grand Avenue, South San Francisco, CA 94080

Description	Quantity	Hazard Designation	Container Size
Ethylene Glycol Dimethyl Ether	1	Peroxide Forming Material	1x0.1liter
Tert Butyl Methoxy Ether	2	Peroxide Forming Material	1x1, 1x0.5 liter
1-H Benzotriazole	1	Shock Sensitive Compounds	1x1000gram
1-Hydroxy benzotriazole	1	Shock Sensitive Compounds	1x500gram
Sodium Amide	1	Peroxide Forming Material	1x100gram
2,4 Dinitrophenol	1	Shock Sensitive Compounds	1x100gram
2,4 Dinitrophenylhydrazine	1	Shock Sensitive Compounds	1x100gram
Diphenylphosphoryl	1	Shock Sensitive Compounds	1x100gram
Azide			
Borane THF Complex	2	Temp Sensitive Compound	2x1liter
MEK Peroxide	2	Shock Sensitive Compounds	1x0.25liter
Potassium	1	Peroxide Forming Material	1x25gram
1 H Tetrazole	1	Shock Sensitive Compounds	1x0.025liter
Sodium Azide	1	Shock Sensitive Compounds	1x100 gram
Styrene	1	Peroxide/Polymerization Material	1 x1 Liter
Methyl Methacrylate	1	Peroxide/Polymerization Material	1 x1 Liter
Cyclohexadiene	1	Peroxide/Polymerization Material	1x0.25liter
Isobutyl Vinyl Ether	1	Peroxide/Polymerization Material	1x0.1liter
Benzoyl Peroxide	1	Shock/Temperature Sensitive Compounds	1x500 gram
2,2 Azobisisobutyronitrile	1	Shock/Temperature Sensitive Compounds	1x100 gram
Diazald	1	Shock/Temperature Sensitive Compounds	1x50 gram
Diethyl Azidocarboxylate	1	Shock Sensitive Compounds	1x50 gram
Picric Sulfonic Acid	1	Shock Sensitive Compounds	1x50 gram
3-Chloroperoxybenzoic Acid	1	Shock/Temperature Sensitive Compounds	1x100 gram
1-Hydroxy-7-azabenzotriazole	1	Shock Sensitive Compounds	1x25 gram
1,3,5 Trinitrobenzene	1	Shock Sensitive Compounds	1x05 gram
Picric Acid	1	Shock Sensitive Compounds	1x500 gram
Nitrocellulose	1	Shock Sensitive Compounds	1x100 gram
Picramic Acid	1	Shock Sensitive Compounds	1x05 gram
5-Amino-1 H-Tetrazole	1	Shock Sensitive Compounds	1x25 gram

The chemicals are expired and currently being stored at Genentech South San Francisco Buildings 7, 15, and 48 located at 700 Forbes Boulevard, South San Francisco, CA 94080, located at 340 Point San Bruno Blvd, South San Francisco, CA 94080, and 645 East Grand Avenue, South San Francisco, CA 94080, respectively. 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.

Once the chemicals are treated, they will be transported offsite to a hazardous waste facility. CHES personnel are tentatively scheduled to arrive at the facility between May 1, 2019 and July 29, 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 Genentech South San Francisco. The emergency permit is a temporary measure, which allows Genentech South San Francisco 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 May 1, 2019 and shall expire on July 29, 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 South San Francisco 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 April 16, 2019. Only CHES Reactive Material Technicians with proper health and safety equipment and attire shall be allowed in the 48ft x 105ft area for Building 7, 50foot radius area for Building 15, and 93ft x 90ft area for Building 48 during the treatment and during the movement of the items from the storage location to the exclusion zone.
2. Genentech South San Francisco 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 facility.
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5. Genentech South San Francisco 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.
6. In the event that Genentech South San Francisco identifies any releases of hazardous waste, Genentech South San Francisco must notify DTSC's Permitting Division orally within 24 hours of discovery.
7. 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.
8. Genentech South San Francisco 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.
9. 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 April 16, 2019 workplan submitted to DTSC by CHES. Genentech South San Francisco 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.
10. The issuance of this Permit by DTSC does not release Genentech South San Francisco from any liability or duty imposed by federal or state statutes or regulations, or local ordinances. Genentech South San Francisco 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.
11. Within 10 business days following the expiration of this permit or the execution of the treatment operation in whichever is shorter, Genentech South San Francisco 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."

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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 May 1, 2019 and shall expire on July 29, 2019.

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

Sincerely,



Vinke Menardo
Hazardous Substance Engineer
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Hazardous Waste Management

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