


Section 1: Identification			
Common Name/Trade Name	FLUOXETINE HCL USP		
Supplier Information	<table border="0"> <tr> <td>Letco Medical 1316 Commerce Drive NW Decatur, AL 35601 1 (800) 239-5288 +1 (734) 843-4693</td> <td>IN CASE OF EMERGENCY: Chemtec 1 (800) 424-9300 (24 hours)</td> </tr> </table>	Letco Medical 1316 Commerce Drive NW Decatur, AL 35601 1 (800) 239-5288 +1 (734) 843-4693	IN CASE OF EMERGENCY: Chemtec 1 (800) 424-9300 (24 hours)
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Product Synonym(s)	Benzenepropanamine, N-methyl-gamma-[4-(trifluoromethyl)pheNOxy]-, hydrochloride, (+/-)-		
Relevant Use(s) of Product	Manufacture or Compounding of Substances		

Section 2: Hazards Identification																													
Classification of Substance or Mixture	Acute toxicity, oral (Category 4), Acute toxicity, inhalation (Category 2), Serious eye damage/eye irritation (Category 1)																												
Signal Word	Danger																												
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Pictogram(s)																													
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Hazards Not Otherwise Classified	No data available																												
Ingredient(s) with Unknown Toxicity	No data available																												

Section 3: Composition/Information on Ingredients	
Chemical Name	Benzenepropanamine, N-methyl-gamma-[4-(trifluoromethyl)pheNOxy]-, hydrochloride, (+/-)-
Common Name	Fluoxetine Hydrochloride
CAS Number	59333-67-4
Impurities and/or Stabilizing Additives	No data available

Section 4: First Aid Measures

General Advice	Remove from exposure. Remove contaminated clothing. For treatment advice, seek guidance from occupational health physician or other licensed health-care provider familiar with workplace chemical exposure. In the United States, the national poison control number is 1-800-222-1222. If person is not breathing, give artificial respiration. If breathing is difficult, give oxygen if available. Persons developing serious hypersensitivity (anaphylactic) reactions must receive immediate medical attention.
If Inhaled	Remove to fresh air. Call a physician or poison control center immediately. Oxygen or artificial respiration if needed. Do not use mouth-to-mouth method if victim inhaled the substance.
In Case of Skin Contact	Rinse skin with water/shower. Get medical attention if irritation develops and persists.
In Case of Eye Contact	Rinse cautiously with water for several minutes. Call a physician or poison control center immediately.
If Swallowed	Rinse mouth. IF SWALLOWED: Call a POISON CENTER or doctor/physician if you feel unwell.
Most Important Symptoms and Effects	Irritation of eyes and mucous membranes. May cause temporary blindness and severe eye damage. Provide general supportive measures and treat symptomatically. Do not induce vomiting. Perform gastric lavage. Administer activated with sorbitol to decrease absorption. Monitor cardiac function. Maintain respiratory function. Maintain body temperature. For seizures, administer diazepam intravenously. (USP DI).

Section 5: Fire Fighting Measures

Suitable Extinguishing Media	Water spray, dry chemical, carbon dioxide, or foam as appropriate for surrounding fire and materials.
Special Hazards Arising From the Substance/Mixture	No unusual fire or explosion hazards noted.
Special PPE and/or Precautions for Firefighters	Wear suitable protective equipment. As with all fires, evacuate personnel to safe area. Firefighters should use self-contained breathing equipment and protective clothing. Cool containers exposed to flames with water until well after fire is out.

Section 6: Accidental Release Measures

Personal Precautions, Protective Equipment and Emergency Procedures	Keep unnecessary personnel away. Do not touch damaged containers or spilled material unless wearing appropriate protective clothing. Avoid inhalation of dust from spilled material. Ensure adequate ventilation. Wear appropriate personal protective equipment.
Methods and Materials Used for Containment	Sweep up or vacuum up spillage and collect in suitable container for disposal. Avoid the generation of dusts during clean-up. For waste disposal, see Section 13 of the SDS. Wash spill site.
Cleanup Procedures	Sweep up or vacuum up spillage and collect in suitable container for disposal. Avoid the generation of dusts during clean-up. For waste disposal, see Section 13 of the SDS. Wash spill site.

Section 7: Handling and Storage

Precautions for Safe Handling	As a general rule, when handling chemicals, avoid all contact and inhalation of dust, mist, and/or vapors associated with the material. Clean equipment and work surfaces with suitable detergent of solvent after use. After removing gloves, wash hands and other exposed skin thoroughly.
Conditions for Safe Storage	Store in tight container as defined in the USP-NF. This material should be handled and stored per label and instructions to ensure product integrity.

Section 8: Exposure Controls/Personal Protection

Components with Workplace Control Parameters	Component: Fluoxetine Hydrochloride CAS-No. 56296-78-7 Type: STEL Value: 30 micrograms/m ³ Form: 12 hours.
Appropriate Engineering Controls	Airborne exposures should be controlled primarily by engineering controls such as general dilution ventilation, local exhaust ventilation, or process enclosure. Local exhaust ventilation is generally preferred to general exhaust because it can control the contaminant at its source, preventing dispersion into the work area. An industrial hygiene survey involving air monitoring may be used to determine the effectiveness of engineering controls. Effectiveness of engineering controls intended for use with highly potent materials should be assessed by use of nontoxic surrogate materials. Avoid any open handling of this material, particularly for grinding, crushing, weighing or other dust-generating or aerosols-generating procedures. Use a laboratory fume hood, vented enclosure, glovebox, or other effective containment.
PPE - Eye/Face Protection	Safety glasses with sideshields are recommended. Face shields or goggles may be required if splash potential exists or if corrosive materials are present. Approved eye protection (e.g. bearing the ANSI Z87 or CSA stamp) is preferred. Maintain eyewash facilities in the work area.
PPE - Skin Protection	Chemically compatible gloves. For handling solutions, ensure that the glove material is protective against the solvent being used. Use handling practices that minimize direct hand contact. Employees who are sensitive to natural rubber (latex) should use nitrile or other synthetic nonlatex gloves. Use of powdered latex gloves should be avoided due to the risk of latex allergy. This material is corrosive. To reduce the risk of contamination of skin and surfaces, wear two pairs of gloves. Remove the outer gloves after removing other personal protective equipment.
PPE - Body Protection	Chemically compatible gloves. For handling solutions, ensure that the glove material is protective against the solvent being used. Use handling practices that minimize direct hand contact. Employees who are sensitive to natural rubber (latex) should use nitrile or other synthetic nonlatex gloves. Use of powdered latex gloves should be avoided due to the risk of latex allergy. This material is corrosive. To reduce the risk of contamination of skin and surfaces, wear two pairs of gloves. Remove the outer gloves after removing other personal protective equipment. For handling of laboratory scale quantities, a cloth lab coat is recommended. Where significant quantities are handled, work clothing may be necessary to prevent take-home contamination.
PPE - Respiratory Protection	Where respirators are deemed necessary to reduce or control occupational exposures, use NIOSH approved respiratory protection and have an effective respirator program in place (applicable U.S. regulation OSHA 29 CFR 1910.34).

Section 9: Physical and Chemical Properties

Appearance	Form: Powder Solid Colour: White to off-white crystalline powder.
Upper/Lower Flammability or Explosive Limits	No data available
Odor	Odorless
Vapor Pressure	0.0000034 kPa at 25 °C
Odor Threshold	No data available
Vapor Density	No data available
pH	4.5 - 6.5 (1% aqueous solution)
Relative Density	No data available
Melting Point/Freezing Point	316.4 - 325.4 °F (158 - 163 °C) / 317.1 - 318 °F (158.4 - 158.9 °C)
Solubility	Solubility in water Sparingly soluble.
Initial Boiling Point and Boiling Range	No data available
Flash Point	No data available
Evaporation Rate	No data available
Flammability (Solid, Gas)	No data available
Partition Coefficient	1.8 at pH 7
Auto-Ignition Temperature	No data available
Decomposition Temperature	No data available
Viscosity	No data available

Section 10: Stability and Reactivity

Reactivity	No reactivity hazards known.
Chemical Stability	Stable at normal conditions.
Possibility of Hazardous Reactions	No dangerous reaction known under conditions of normal use.
Conditions to Avoid	None under normal conditions.
Incompatible Materials	Oxidizing agents. Strong bases.
Hazardous Decomposition Products	NOx. Cl-. F-. Irritating and/or toxic fumes or gases. Emits toxic fumes under fire conditions.

Section 11: Toxicological Information

Acute Toxicity - LD50 Oral	LD50 Oral Rat 452 mg/kg
Acute Toxicity - Inhalation	LC50 Inhalation Rat 0.2 mg/l
Acute Toxicity - Dermal	LD50 Dermal Rabbit >500 mg/kg
Acute Toxicity - Eye	Causes serious eye damage.
Skin Corrosion/Irritation	Due to lack of data the classification is not possible.
Serious Eye Damage/Irritation	Causes serious eye damage.
Respiratory or Skin Sensitization	Fatal if inhaled.
Germ Cell Mutagenicity	Due to lack of data the classification is not possible.
Carcinogenicity IARC	This product does not contain any carcinogens or potential carcinogens as listed by IARC.
Carcinogenicity ACGIH	This product does not contain any carcinogens or potential carcinogens or potential carcinogens as listed by ACGIH.
Carcinogenicity NTP	This product does not contain any carcinogens or potential carcinogens as listed by NTP.
Carcinogenicity OSHA	This product does not contain any carcinogens or potential carcinogens as listed by OSHA.
Reproductive Toxicity	Studies in animals have not shown that fluoxetine causes birth defects, but studies in rats have shown impaired pup survival and decreased birth weight in rats exposed to 12 mg/kg body weight per day in gestation. In humans, some adverse effects, including poor neonatal adaptation and reduced birth weight at term, have occurred in some newborns exposed to fluoxetine during the third trimester. Based on available data, the classification criteria are not met.
Specific Target Organ Toxicity - Single Exposure	Due to lack of data the classification is not possible.
Specific Target Organ Toxicity - Repeated Exposure	Due to lack of data the classification is not possible.
Aspiration Hazard	Based on available, the classification is not possible.

Section 12: Ecological Information

Toxicity	No ecotoxicity data noted for the ingredients.
Persistence and Degradability	No data is available on the degradability of this product.
Bio-accumulative Potential	No data available
Mobility in Soil	No data available
Other Adverse Effects	No data available

Section 13: Disposal Considerations

Waste Treatment Methods Product	This product, in its present state, when discarded or disposed of, is not hazardous waste according to Federal regulations (40 CFR 261.4(b) (4)). Under RCRA, it is the responsibility of the user of the product to determine, at the time of disposal, whether the product meets RCRA criteria for hazardous waste. Dispose in accordance with all applicable regulations.
Waste Treatment Methods Packaging	Empty containers or liners may retain some product residues. This material and its container must be disposed of in a safe manner (see Disposal instructions).
Special Precautions Landfill or Incinerations	Empty containers should be taken to an approved waste handling site for recycling or disposal. Since emptied containers may retain product residue, follow label warnings even after container is emptied.
Other Information	No data available

Section 14: Transport Information

UN Number	
UN Proper Shipping Name	
Transport Hazard Class(es)	
Packaging Group	
Environmental Hazards	No data available

Section 15: Regulatory Information

CERCLA/SARA Hazardous Substances - Not applicable. One or more components are not listed on TSCA. Superfund Amendments and Reauthorization Act of 1986 (SARA) Hazard categories: Immediate Hazard - Yes Delayed Hazard - No Pressure Hazard -No Reactivity Hazard -No SARA 302 Extremely hazardous substance: No SARA 311/312 Hazardous chemical: No Other federal regulations: Safe Drinking Water Act (SDWA) Not regulated Food and Drug Administration (FDA) Not regulated US state regulations: California Safe Drinking Water and Toxic Enforcement Act of 1986 (Proposition 65): This material is not known to contain any chemicals currently listed as carcinogens or reproductive toxins.

Section 16: Other Information

Prepared By	Scarlotte Smith
Revision Date	05/20/2015 15:45

Disclaimer

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