FLUOXETINE ∅

SIGMA-ALDRICH

Material Safety Data Sheet

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Version 1.30

Section 1 - Product and Company Information

Product Name FLUOXETINE HCL
Product Number F132
Brand Sigma Chemical

Company Sigma-Aldrich
Street Address 3050 Spruce Street
City, State, Zip, Country SAINT LOUIS, MO 63103 US
Technical Phone: 314 771 5765 **Emergency Phone:** 414 273 3850 Ext. 5996
Fax: 800 325 5052

Section 2 - Composition/Information on Ingredient

Substance Name	CAS #	SARA 313
FLUOXETINE HYDROCHLORIDE	59333-67-4	No

Formula C17H18F3NO HCl
Synonyms Fluoxetine hydrochloride, Fontex, Lilly 110140, LY 110140, (+-)-Methyl-gamma-(4-(trifluoromethyl)phenoxy)benzenepropanamine hydrochloride, Prozac, 3-(p-Trifluoromethylphenoxy)-N-methyl-3-phenylpropylamine hydrochloride

Section 3 - Hazards Identification

Emergency Overview
Toxic (USA) Harmful (EU).
Harmful if swallowed.

HMIS Rating
Health: 2 Flammability: 0 Reactivity: 0

NFPA Rating
Health: 2 Flammability: 0 Reactivity: 0

For additional information on toxicity, please refer to Section 11.

Section 4 - First Aid Measures

Oral Exposure
If swallowed, wash out mouth with water provided person is conscious. Call a physician.

Inhalation Exposure
If inhaled, remove to fresh air. If not breathing give artificial respiration. If breathing is difficult, give oxygen.

Dermal Exposure
In case of skin contact, flush with copious amounts of water for at least 15 minutes. Remove contaminated clothing and shoes. Call a physician.

Eye Exposure
In case of contact with eyes, flush with copious amounts of water for at least 15 minutes. Assure adequate flushing by separating the eyelids with fingers. Call a physician.

Section 5 - Fire Fighting Measures

Autoignition Temp: N/A

Extinguishing Media
Suitable
Water spray. Carbon dioxide, dry chemical powder, or appropriate foam.

Firefighting
Protective Equipment
Wear self-contained breathing apparatus and protective clothing to prevent contact with skin and eyes.
Specific Hazard(s)
Emits toxic fumes under fire conditions.

Section 6 - Accidental Release Measures

Procedure to be Followed in Case of Leak or Spill
Evacuate area.

Procedure(s) of Personal Precaution(s)
Wear self-contained breathing apparatus, rubber boots, and heavy rubber gloves.

Methods for Cleaning Up
Sweep up, place in a bag and hold for waste disposal. Avoid raising dust. Ventilate area and wash spill site after material pickup is complete.

Section 7 - Handling and Storage

Handling
User Exposure
Do not breathe dust. Avoid contact with eyes, skin, and clothing. Avoid prolonged or repeated exposure.

Storage
Suitable
Store in a cool dry place. Keep tightly closed.

Section 8 - Exposure Controls / PPE

Engineering Controls
Mechanical exhaust required. Safety shower and eye bath.

Personal Protective Equipment
Respiratory
Government approved respirator.
Hand
Compatible chemical-resistant gloves.
Eye
Chemical safety goggles.

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General Hygiene Measures
Wash thoroughly after handling.

Section 9 - Physical/Chemical Properties

Appearance
Physical State
Solid

Molecular Weight:	N/A
pH	N/A
BP/BP Range	N/A
MP/MP Range	N/A
Freezing Point	N/A
Vapor Pressure	N/A
Vapor Density	N/A
Saturated Vapor Conc.	N/A
SG/Density	N/A
Bulk Density	N/A
Odor Threshold	N/A
Volatile%	N/A
VOC Content	N/A
Water Content	N/A
Solvent Content	N/A
Evaporation Rate	N/A
Viscosity	N/A
Partition Coefficient	N/A
Decomposition Temp.	N/A
Flash Point °F	N/A
Flash Point °C	N/A
Explosion Limits	N/A
Flammability	N/A
Autoignition Temp	N/A
Solubility	N/A

N/A = not available

Section 10 - Stability and Reactivity

Stability
Stable
Stable.
Materials to Avoid
Strong oxidizing agents.

Hazardous Decomposition Products
Hazardous Decomposition Products
Carbon monoxide, Carbon dioxide, Nitrogen oxides, Hydrogen fluoride, Hydrogen chloride gas.

Hazardous Polymerization
Hazardous Polymerization
Will not occur.

Section 11 - Toxicological Information

Route of Exposure
Skin Contact
May cause skin irritation.
Skin Absorption
May be harmful if absorbed through the skin.
Eye Contact
May cause eye irritation.
Inhalation
Material may be irritating to mucous membranes and upper respiratory tract. May be harmful if inhaled.
Ingestion
Harmful if swallowed.

RTECS Number: UI4050000

Toxicity Data

Oral - Rat: 452 mg/kg (LD50)

Oral - Mouse: 248 mg/kg (LD50)

Intraperitoneal - Mouse: 100 MG/KG (LD50)

Chronic Exposure - Teratogen

Species	*Dose*	*Route of Application*	*Exposure Time*
Woman	106 MG/KG	Oral	(1-38W PREG)
Result: Specific Developmental Abnormalities: Central nervous system.			
Rat	84 MG/KG	Oral	(7-21D PREG)
Result: Specific Developmental Abnormalities: Skin and skin appendages.			
Rat	80 MG/KG	Subcutaneous	(13-20D PREG)
Result: Specific Developmental Abnormalities: Central nervous system. Effects on Newborn: Growth statistics (e.g., reduced weight gain).			

Chronic Exposure - Reproductive Hazard

Species	*Dose*	*Route of Application*	*Exposure Time*
Man	26 MG/KG	Oral	(45D MALE)
Result: Paternal Effects: Other effects on male.			
Woman	190 UG/KG	Oral	(1-90D PREG)
Result: Effects on Fertility: Abortion.			
Rat	125 MG/KG	Oral	(6-15D PREG)
Result: Maternal Effects: Other effects.			
Rat	168 MG/KG	Oral	(7-20D PREG)
Result: Effects on Newborn: Stillbirth. Effects on Newborn: Viability Index (e.g., # alive at day 4 per # born alive). Effects on Newborn: Growth statistics (e.g., reduced weight gain).			
Rabbit	195 MG/KG	Oral	(6-18D PREG)
Result: Maternal Effects: Other effects.			

Section 12 - Ecological Information

No data available.

Section 13 - Disposal Considerations

Appropriate Method of Disposal of Substance or Preparation
Contact a licensed professional waste disposal service to dispose of this material.
Dissolve or mix the material with a combustible solvent and burn in a chemical incinerator equipped with an afterburner and scrubber.
Observe all federal, state, and local environmental regulations.

HYDROXELDINE

Section 14 - Transport Information

DOT
Proper Shipping Name: None
Non-Hazardous for Transport: This substance is considered to be non-hazardous for transport.

IATA
Non-Hazardous for Air Transport: Non-hazardous for air transport.

Section 15 - Regulatory Information

EU Additional Classification
Symbol of Danger: Xn
Indication of Danger
Harmful.
Risk Statements **R:** 22
Harmful if swallowed.
Safety Statements **S:** 36/37/39
Wear suitable protective clothing, gloves, and eye/face protection.

US Classification and Label Text
Indication of Danger
Toxic (USA) Harmful (EU).
Risk Statements
Harmful if swallowed.
Safety Statements
Wear suitable protective clothing, gloves, and eye/face protection.

United States Regulatory Information
SARA Listed: No

Canada Regulatory Information
WHMIS Classification
This product has been classified in accordance with the hazard criteria of the CPR, and the MSDS contains all the information required by the CPR.
DSL: No
NDSL: No

Section 16 - Other Information

Disclaimer
For R&D use only. Not for drug, household or other uses.

Warranty
The above information is believed to be correct but does not purport to be all inclusive and shall be used only as a guide. Sigma-Aldrich Inc., shall not be held liable for any damage resulting from handling or from contact with the above product. See reverse side of invoice or packing slip for additional terms and conditions of sale. Copyright 2004 Sigma-Aldrich Co. License granted to make unlimited paper copies for internal use only.

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