



## Safety Data Sheet

For Compliance with OSHA 29 CFR 1910.1200 and ANSI Z400.1-1998

SERTRALINE HYDROCHLORIDE USP

30-4746

### Section 1: Identification

**Product Name** SERTRALINE HYDROCHLORIDE USP

**Commercial Name** Not available

**Product Use** Not available

**Restrictions On Use** Not available

**Product Code** 30-4746

**Company** PCCA  
9901 South Wilcrest  
Houston, TX 77099  
Phone: 1-800-331-2498  
Fax: 1-800-874-5760

In case of emergency contact:  
**CHEMTREC (24hr) 1-800-424-9300**

### Section 2: Hazard(s) Identification

**OSHA Haz Com:** Acute Toxicity, Oral (Category 4) Skin irritation (Category 2) Eye irritation (Category 2) Specific target organ toxicity - single exposure (Category 3) Aquatic Chronic 1

**Signal Word** WARNING

**Hazard Statement(s)** Harmful if swallowed. Suspected of damaging fertility/unborn child. Very toxic to aquatic life with long-lasting effects.

**Pictogram(s) or Symbol(s)**



**Precautionary Statement(s):**

<b>Prevention</b>	P201 : Obtain special instructions before use P202 : Do not handle until all safety precautions have been read and understood P273 : Avoid release to the environment P280 : Wear protective gloves/protective clothing/eye protection/face protection
<b>Response</b>	P308+P313 : IF exposed or concerned: Get medical advice/attention. P391 : Collect spillage
<b>Storage</b>	Not available
<b>Disposal</b>	P501.A : Dispose of contents/container to: Hazardous waste. Comply with applicable regulations.

### Section 3: Composition/Information on Ingredients

**Substance/Mixture** Substance

**Components** Sertraline HCL

**% By Weight** 100

**CAS#** 79559-97-0

**Molecular Weight** 342.7

**Chemical Formula** C17H17Cl2N HCL

**Synonym(s)** 1-Naphthalenamine, 4-(3,4-dichlorophenyl)-1,2,3,4-tetrahydro-N-methyl-, hydrochloride, (1S-cis); (1S,4S)-4-(3,4-Dichlorophenyl)-1,2,3,4-tetrahydro-N-methyl-1-naphthylamine hydrochloride

**Mixtures**

Name	CAS#	% by Weight	TLV/PEL	LC50/LD50
Sertraline HCL	79559-97-0	100%	Not available	Not available

**Section 4: First-Aid Measures**

<b>Inhalation</b>	Remove from exposure and move to fresh air immediately. If not breathing, give artificial respiration. If breathing is difficult, give oxygen.
<b>Skin Contact</b>	Get medical aid. Flush skin with plenty of water while removing contaminated clothing and shoes.
<b>Eye Contact</b>	Flush eyes with plenty of water occasionally lifting the upper and lower lids. Get medical aid
<b>Ingestion</b>	Get medical aid. Wash mouth out with water.
<b>Symptoms/Effects</b>	
<b>Acute</b>	Not available
<b>Delayed</b>	Not available
<b>Immediate Medical Attention</b>	
Not available.	

**Section 5: Fire-Fighting Measures****Suitable Extinguishing Media**

Water fog, foam, extinguishing powder, carbon dioxide.

**Unsuitable Extinguishing Media**

N/A

**Products of Combustion**

Combustible. In case of fire may be liberated: hydrochloric gas, Nitrogen oxides (NOx), Carbon monoxide and carbon dioxide.

**Firefighters Special Equipment and Precautions**

Wear self-contained breathing apparatus. Wear suitable protective clothing. Do not allow fire water to penetrate into surface or ground water. Knock down dust with water spray jet.

**Section 6: Accidental Release Measures**

Personal precautions, protective equipment and emergency procedures: Avoid generation of dust. Do not breathe dust. Provide adequate ventilation. Wear personal protection equipment. Environmental precautions: Do not allow to penetrate into soil, water bodies or drains. Methods and materials for containment and cleaning up: Collect dry and place in appropriate containers for disposal, cleaning.

**Section 7: Handling and Storage**

Precautions for safe handling: Avoid generation of dust. Do not breathe dust. Avoid contact with skin, eyes, and clothing. In case of dust: Provide adequate ventilation, and local exhaust as needed. Keep away from sources of ignition and heat. Protect from light. Conditions for safe storage, including any incompatibilities: Store protected from light.

**Section 8: Exposure Controls/Personal Protection**

<b>Exposure Limits</b>	Not available.
<b>Engineering Controls</b>	Facilities storing or utilizing this material should be equipped with an eyewash facility and safety shower. Use adequate ventilation to keep airborne concentrations low.
<b>Personal Protection</b>	Eye/face protection: Tightly sealed safety glasses according to EN 166. Skin protection and body Protection: Protective gloves according to EN 374. Glove material: Nitrile rubber Breakthrough time: >480 min. Observe glove manufacturer's instructions concerning penetrability and breakthrough time. Wear suitable protective clothing. Respiratory protection: In case of dust: Particulates filter P2 according to EN 143.

**Section 9: Physical and Chemical Properties**

<b>Appearance</b>	Solid.		
<b>Odor</b>	Characteristic		
<b>Odor Threshold</b>	Not available		
<b>Melting Point</b>	> 230 °C	<b>pH</b>	Not available
<b>Freezing Point</b>	Not available	<b>Vapor Pressure</b>	Not available.
<b>Boiling Point/Range</b>	Not available.	<b>Vapor Density</b>	Not available
<b>Decomposition temperature</b>	Not available	<b>Viscosity</b>	Not available
<b>Partition Coefficient: n-octanol/water</b>	2,9 log P(o/w) (pH 7)	<b>Evaporation Rate</b>	Not available
<b>Flash Point</b>	Not available	<b>Autoignition temperature</b>	Not available
<b>Flammability</b>	Not available	<b>Flammability or Explosive Limits:</b>	
		<b>Lower</b>	Not available
		<b>Upper</b>	Not available
<b>Solubility(ies)</b>	Not available.		
<b>Other</b>	Not available		

**Section 10: Stability and Reactivity**

<b>Reactivity</b>	Not available
<b>Chemical Stability</b>	Product is stable under normal conditions.
<b>Hazardous Polymerization</b>	Not available
<b>Conditions to Avoid</b>	Protect from light. Keep away from sources of ignition and heat.
<b>Incompatible Materials</b>	Strong oxidizing agents
<b>Hazardous Decomposition Products</b>	In case of fire may be liberated: hydrochloric gas, Nitrogen oxides (NOx), Carbon monoxide and carbon dioxide

**Section 11: Toxicological Information**

**RTECS** Not available

**Acute Toxicity**

Acute toxicity LD50 Rat, oral: 1327-1591 mg/kg

**Skin Corrosion/Irritation**

Irritant to skin and mucous membranes.

**Serious Eye Damage/Irritation**

Irritating effect.

**Respiratory or Skin Sensitization**

Harmful if inhaled. May cause respiratory tract irritation.

**Germ Cell Mutagenicity**

Not available

**Carcinogenicity**

Not available

**Reproductive Toxicity**

Not available

**Routes of Entry**

Inhalation. Ingestion. skin. Eyes.



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### Symptoms Related to Exposure

Not available

### Potential Health Effects

Not available

### Target Organ(s)

Not available

## Section 12: Ecological Information

### Ecotoxicity

Very toxic to aquatic organisms

Aquatic Toxicity: (Effect dose, Exposure time, Species, Method, Evaluation and remark)

Fish: LC50 96 Hours 0.030 mg/L

Daphnia Magna: TAD EC 50 48 Hours 0.56 mg/L

Algae: IC 50 72 Hours >0.056

mg/L

### Persistence and Degradability

Sertraline can be degraded while in the aqueous phase, but appears to be stable once it is absorbed to sediments.

After 30 day's of treatment, more than 80 % of Sertraline HCl remained in the sediments, indicating that the

sediments are an important sink for Sertraline HCl.

### Bioaccumulative Potential

Not available

### Mobility in Soil

Prevent product from entering sewers, water courses or low area's, as it may be toxic to fish life

### Other Adverse Effects

High acute toxicity to aquatic organisms is expected. Do not let product enter drains Toxicity to waste water treatment

microorganisms may occur.

## Section 13: Disposal Considerations

### Waste Disposal

Offer surplus and non-recyclable solutions to a licensed disposal company. 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

### Disposal of Container

Dispose of as unused product.

### Other Considerations

Not available

## Section 14: Transport Information

### DOT Classification

Land Transport Official Transport Designation: Environmentally Hazardous Substance, solid, n.o.s. (Sertraline Hydrochloride)

Class: 9 Classification code: Hazard Un No.: UN3077 Packing group: III Air Transport Proper shipping name: Environmentally

Hazardous Substance, solid, n.o.s. (Sertraline Hydrochloride) Class: 9 Classification code: Hazard Un No.: UN3077 Packing group: III

## Section 15: Regulatory Information

### Regulations

Not available.

### Other

N/A

## Section 16: Other Information

N/A