

**Safety Data Sheet**

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

Section 1: Identification

Product Name Promethazine Hydrochloride USP
Commercial Name Not available.
Product Use Not available.
Restrictions On Use Not available.

Product Code 30-1018

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 oral toxicity Category 4 Acute Inhalation Toxicity - Dusts and Mists Category 4 Skin Corrosion/irritation
CFR 1910.1200 Category 2 Serious Eye Damage/Eye Irritation Category 2 Skin Sensitization Category 1 Specific target organ toxicity (single exposure) Category 3

Signal Word DANGER

Hazard Statement(s) Harmful if swallowed. Causes skin irritation. May cause an allergic skin reaction. Causes serious eye damage. May cause harm to breast-fed children. May cause respiratory irritation. Toxic to aquatic life with long lasting effects.

Pictogram(s) or Symbol(s)



Precautionary Statement(s):

Prevention

Wash face, hands and any exposed skin thoroughly after handling Do not eat, drink or smoke when using this product Avoid breathing dust/fume/gas/mist/vapors/spray. Use only outdoors or in a well-ventilated area Wear protective gloves/protective clothing/eye protection/face protection Contaminated work clothing should not be allowed out of the workplace

Response

IF INHALED: Remove victim to fresh air and keep at rest in a position comfortable for breathing Call a POISON CENTER or doctor/physician if you feel unwell IF ON SKIN: Wash with plenty of soap and water Take off contaminated clothing and wash before reuse If skin irritation or rash occurs: Get medical advice/attention IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing If eye irritation persists: Get medical advice/attention IF SWALLOWED: Call a POISON CENTER or doctor/physician if you feel unwell Rinse mouth

Storage

Store in a well-ventilated place. Keep container tightly closed Store locked up

Disposal

Store in a well-ventilated place. Keep container tightly closed Store locked up

Section 3: Composition/Information on Ingredients

Substance/Mixture Substance
Components Promethazine HCl
% By Weight 100
CAS# 58-33-3
Molecular Weight 320.88 g/mole
Chemical Formula C₁₇H₂₀N₂S.HCl
Synonym(s) N,N,alpha-Trimethyl-10H-phenothiaz ne-10-ethanamine hydrochloride

Mixtures

Name	CAS#	% by Weight	TLV/PEL	LC50/LD50
Promethazine HCl	58-33-3	100	Not available.	ORAL (LD50):Acute: 255mg/kg [Mouse].

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Section 4: First-Aid Measures

Inhalation	Move to fresh air. If not breathing, give artificial respiration. Get medical attention if symptoms occur.
Skin Contact	Wash off immediately with plenty of water for at least 15 minutes. If skin irritation persists, call a physician.
Eye Contact	Rinse immediately with plenty of water, also under the eyelids, for at least 15 minutes. Obtain medical attention.
Ingestion	Clean mouth with water and drink afterwards plenty of water. Get medical attention if symptoms occur.
Symptoms/Effects	
Acute	None reasonably foreseeable. . May cause allergic skin reaction. Symptoms of allergic reaction may include rash, itching, swelling, trouble breathing, tingling of the hands and feet, dizziness, lightheadedness, chest pain, muscle pain or flushing.
Delayed	None reasonably foreseeable. . May cause allergic skin reaction. Symptoms of allergic reaction may include rash, itching, swelling, trouble breathing, tingling of the hands and feet, dizziness, lightheadedness, chest pain, muscle pain or flushing.

Immediate Medical Attention

Treat symptomatically

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

Use water spray, alcohol-resistant foam, dry chemical or carbon dioxide

Unsuitable Extinguishing Media

Not available

Products of CombustionCarbon monoxide (CO) Carbon dioxide (CO₂) Nitrogen oxides (NO_x) Sulfur oxides Hydrogen chloride**Firefighters Special Equipment and Precautions**

As in any fire, wear self-contained breathing apparatus pressure-demand, MSHA/NIOSH (approved or equivalent) and full protective gear.

Section 6: Accidental Release Measures

Ensure adequate ventilation. Use personal protective equipment. Avoid dust formation. Do not flush into surface water or sanitary sewer system. Sweep up or vacuum up spillage and collect in suitable container for disposal. Keep in suitable, closed containers for disposal.

Section 7: Handling and Storage

Handling: Wear personal protective equipment. Ensure adequate ventilation. Do not get in eyes, on skin, or on clothing. Avoid ingestion and inhalation. Avoid dust formation. Storage: Keep containers tightly closed in a dry, cool and well-ventilated place.

Section 8: Exposure Controls/Personal Protection

Exposure Limits	Not available.
Engineering Controls	Ensure that eyewash stations and safety showers are close to the workstation location.
Personal Protection	Eye/face Protection: Wear appropriate protective eyeglasses or chemical safety goggles as described by OSHA's eye and face protection regulations in 29 CFR 1910.133 or European Standard EN166. Skin and body protection: Long sleeved clothing. Respiratory Protection: Follow the OSHA respirator regulations found in 29 CFR 1910.134 or European Standard EN 149. Use a NIOSH/MSHA or European Standard EN 149 approved respirator if exposure limits are exceeded or if irritation or other symptoms are experienced. Hygiene Measures: Handle in accordance with good industrial hygiene and safety practice.

Section 9: Physical and Chemical Properties

Appearance	Solid.		
Odor	Not available.		
Odor Threshold	Not available.		
Melting Point	227 - 230 °C / 440.6 - 44	pH	Not available.
Freezing Point	Not available.	Vapor Pressure	Not applicable.
Boiling Point/Range	Not available.	Vapor Density	Not available.
Decomposition temperature	Not available.	Viscosity	Not available.
Partition Coefficient: n-octanol/water	Not available.	Evaporation Rate	Not available.
Flash Point	Not available.	Autoignition temperature	Not available.
Flammability	Not available.	Flammability or Explosive Limits:	
		Lower	Not available.
		Upper	Not available.
Solubility(ies)	soluble.		
Other	Not available.		

Section 10: Stability and Reactivity

Reactivity	Not available.
Chemical Stability	Stable under recommended storage conditions
Hazardous Polymerization	Hazardous polymerization does not occur
Conditions to Avoid	Exposure to moisture.
Incompatible Materials	Oxidizing agents
Hazardous Decomposition Products	Carbon monoxide (CO), Carbon dioxide (CO ₂), Nitrogen oxides (NO _x), Sulfur oxides, Hydrogen chloride

Section 11: Toxicological Information**RTECS** SO8225000**Acute Toxicity**

Component: Promethazine hydrochloride LD50 Oral: orl-rat LD50: 765 mg/kg LD50 Dermal: Not listed LC50 Inhalation: Not listed

Skin Corrosion/Irritation

Irritating to eyes and skin May cause irritation of respiratory tract

Serious Eye Damage/Irritation

Irritating to eyes and skin May cause irritation of respiratory tract

Respiratory or Skin Sensitization

Irritating to eyes and skin May cause irritation of respiratory tract

Germ Cell Mutagenicity

Not available.

Carcinogenicity

Not available.

Reproductive Toxicity

Not available.

Routes of Entry

Dermal contact. Eye contact. Inhalation. Ingestion.

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Symptoms Related to Exposure

Rash, itching, swelling, trouble breathing, tingling of the hands and feet, dizziness, lightheadedness, chest pain, muscle pain or flushing

Potential Health Effects

Not available.

Target Organ(s)

Not available.

Section 12: Ecological Information**Ecotoxicity**

Toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment. The product contains following substances which are hazardous for the environment.

Persistence and Degradability

May persist

Bioaccumulative Potential

Not available.

Mobility in Soil

Will likely be mobile in the environment due to its water solubility log Pow 4.51

Other Adverse Effects

Not available.

Section 13: Disposal Considerations**Waste Disposal**

Chemical waste generators must determine whether a discarded chemical is classified as a hazardous waste. Chemical waste generators must also consult local, regional, and national hazardous waste regulations to ensure complete and accurate classification.

Disposal of Container

Not available.

Other Considerations

Not available.

Section 14: Transport Information**DOT Classification**

DOT UN-No UN3077 Proper Shipping Name ENVIRONMENTALLY HAZARDOUS SUBSTANCE, SOLID, N.O.S. Proper technical name Promethazine hydrochloride Hazard Class 9 Packing Group III

Section 15: Regulatory Information**Regulations**

Superfund Amendments and Reauthorization Act of 1986 (SARA) Title III requires emergency planning based on Threshold Planning Quantities (TPQs) and release reporting based on Reportable Quantities (RQs) in 40 CFR 355 (used for SARA 302, 304, 311 and 312). Components present in this product at a level which could require reporting under the statute are: NONE Superfund Amendments and Reauthorization Act of 1986 (SARA) Title III requires submission of annual report release of toxic chemicals that appear in 40 CFR 372 (used for SARA 313). This information must be included in all MSDSs that are copied and distributed for this material. Components present in this product at a level which could require reporting under the statute are: NONE; Pennsylvania Right-To-Know, Hazardous substance List, Hazardous Substances and Special hazardous Substances on the list must be identified when present in products. Components present in this product at a level which could require reporting under the statute are: NONE Massachusetts Right-To-Know, Substance List (MSL) Hazardous Substances and Extraordinarily Hazardous Substances on the MSL must be identified when present in products. Components present in this product at a level which could require reporting under the statute are: NONE Comprehensive Environmental Response, Compensation, and Liability Act of 1980 (CERCLA) requires notification of the National Response Center of release of quantities of Hazardous Substances equal or greater than the reportable quantities (RQs) in 40 CFR 302.4. Components present in this product at a level which could require reporting under the statute are: NONE California prop. 65: This product contains the following ingredients for which the State of California has found to cause cancer which would require a warning under the statute: No products were found.; California prop. 65: This product contains the following ingredients for which the State of California has found to cause birth defects which would require a warning under the statute: No products were found.

Other

WHMIS CLASS D-1B: Material causing immediate and (Canada) serious toxic effects (TOXIC). CLASS D-2A: Material causing other toxic effects (VERY TOXIC).; DSCL (EEC) R38- Irritating to skin. R41- Risk of serious damage to eyes.; Gloves.; Lab coat.; Dust respirator. Be sure to use an approved/certified respirator or equivalent. Wear appropriate respirator when ventilation is inadequate.; Splash goggles.

Section 16: Other Information

Not available.