# Safety Data Sheet

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

## Section 1: Identification

**Product Name** Trimeprazine Tartrate USP
**Commercial Name** Not available.
**Product Use** Not available
**Restrictions On Use** Not available

**Product Code** 30-3191

**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: CFR 1910.1200** Acute toxicity, oral Category 3 Specific target organ toxicity, single exposure Category 1 (heart) Specific target organ toxicity, repeated exposure Category 1 (nervous system)

**Signal Word** DANGER

**Hazard Statement(s)** Toxic if swallowed. Causes serious eye damage. Toxic to aquatic life with long lasting effects. May cause an allergic skin reaction.

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

**Precautionary Statement(s):**

**Prevention** Do not breathe dust/fume/gas/mist/vapors/spray. Wash thoroughly after handling
**Response** If swallowed: Immediately call a poison center/doctor. Rinse mouth. If exposed: Call a poison center/doctor. Get medical advice/attention if you feel unwell.
**Storage** Store locked up
**Disposal** Dispose of contents/container in accordance with local/regional/national/international regulations

## Section 3: Composition/Information on Ingredients

**Substance/Mixture** Substance
**Components** Trimeprazine Tartrate
**% By Weight** 100
**CAS#** 4330-99-8
**Molecular Weight** 746.98
**Chemical Formula** C18H22N2S
**Synonym(s)** ALIMEMAZINE TARTRATE * 10-(3-(DIMETHYLAMINO)-2-METHYLPROPYL) PHENOTHIAZINE TARTRATE * PANECTYL * REPELTIN * TEMARIL * THERALENE TRIMEPRAZINE TARTRATE * VALLERGAN * VANECTYL

**Mixtures**

| Name | CAS# | % by Weight | TLV/PEL | LC50/LD50 |
|---|---|---|---|---|
| Trimeprazine Tartrate | 4330-99-8 | 100 | | |

## Section 4: First-Aid Measures

**Inhalation** If breathing is difficult, remove to fresh air and keep at rest in a position comfortable for breathing. Call a physician if symptoms develop or persist.

**Skin Contact** Rinse skin with water/shower. Get medical attention if irritation develops and persists.

**Eye Contact** Rinse with water. Get medical attention if irritation develops and persists.

**Ingestion** IF SWALLOWED: Immediately call a POISON CENTER or doctor/physician. Rinse mouth thoroughly. Do not induce vomiting without advice from poison control center. If vomiting occurs, keep head low so that stomach content doesn't get into the lungs. Induce artificial respiration with the aid of a pocket mask equipped with a one-way valve or other proper respiratory medical device.

**Symptoms/Effects**

**Acute** Nervous system effects. Cardiovascular effects. Pharmacologically active material. Occupational exposure may cause physiological effects.

**Delayed** Nervous system effects. Cardiovascular effects. Pharmacologically active material. Occupational exposure may cause physiological effects.

**Immediate Medical Attention**

Provide general supportive measures and treat symptomatically. Treatment of phenothiazine overdose may include the following: Do NOT induce vomiting. Perform gastric lavage. Administer activated charcoal as a slurry. Control cardiac arrhythmias with intravenous phenytoin. Treat ventricular tachydysrhythmias with sodium bicarbonate. For Torsades de Pointes, treat hemodynamically unstable patients with electrical cardioversion. Treat stable patients with magnesium and/or atrial overdrive pacing. Correct electrolyte abnormalities. Treat hypotension with positioning, intravenous fluids, and norepinephrine or phenylephrine. Do NOT use epinephrine. Treat convulsions with a benzodiazepine and phenytoin. Monitor ECG. Do NOT use barbiturates that may potentiate respiratory and CNS depression. For parkinsonian effects or dystonia, administer benztropine or diphenhydramine. Treat neuroleptic malignant syndrome with cooling and bromocriptine. Monitor acid-base status, fluid and electrolyte balance, hepatic enzymes, renal function, urine output, and cardiac function. Most phenothiazines are not removed by dialysis.

## Section 5: Fire-Fighting Measures

**Suitable Extinguishing Media**

Water. Foam. Dry chemical or CO2. Use fire-extinguishing media appropriate for surrounding materials.

**Unsuitable Extinguishing Media**

Not available.

**Products of Combustion**

No unusual fire or explosion hazards noted.

**Firefighters Special Equipment and Precautions**

Wear suitable protective equipment. Use water spray to cool unopened containers. As with all fires, evacuate personnel to a safe area. Firefighters should use self-contained breathing equipment and protective clothing. Use standard firefighting procedures and consider the hazards of other involved materials. Cool containers exposed to flames with water until well after the fire is out.

## Section 6: Accidental Release Measures

Keep unnecessary personnel away. Wear appropriate personal protective equipment. Avoid inhalation of dust from the spilled material. Do not touch damaged containers or spilled material unless wearing appropriate protective clothing. Ensure adequate ventilation. For personal protection, see section 8 of the SDS Methods and materials for containment and cleaning up: For waste disposal, see section 13 of the SDS. Avoid the generation of dusts during clean-up. Sweep up or vacuum up spillage and collect in suitable container for disposal. Clean surface thoroughly to remove residual contamination. Environmental precautions: Avoid discharge into drains, water courses or onto the ground.

## Section 7: Handling and Storage

Handling: As a general rule, when handling USP Reference Standards, avoid all contact and inhalation of dust, mists, and/or vapors associated with the material. Clean equipment and work surfaces with suitable detergent or solvent after use. After removing gloves, wash hands and other exposed skin thoroughly. Select and use containment devices and personal protective equipment based on a risk assessment of material potency and exposure potential. Storage: Store in tight container as defined in the USP-NF. This material should be handled and stored per label instructions to ensure product integrity.

PCCA

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## Section 8: Exposure Controls/Personal Protection

| | |
|---|---|
| **Exposure Limits** | Not available. |
| **Engineering Controls** | For laboratory operations, use local exhaust ventilation or a ventilated enclosure for high energy operations such as particle sizing. Control exposures to below the occupational exposure level (if available). Select and use containment devices and personal protective equipment based on a risk assessment of exposure potential. Cover all containers for solutions and slurries while being transferred. |
| **Personal Protection** | Eye/face protection: Wear safety glasses with side shields, chemical splash goggles, or full face shield, if necessary. Base the choice of protection on the job activity and potential for contact with eyes or face. An emergency eye wash station should be available. Skin protection Hand protection: Wear nitrile or other impervious gloves if skin contact is possible. When the material is dissolved or suspended in an organic solvent, wear gloves that provide protection against the solvent. Other: Train employees in proper gowning and degowning practices. Wear lab coat. Base the choice of skin protection on the job activity, potential for skin contact and solvents and reagents in use. Do not wear protective garments in common areas (e.g., cafeterias) or out-of-doors. Respiratory protection: Respirators are generally not required for laboratory operations. Use a tight-fitting full-face respirator with HEPA filters for spill cleanup. Chose respiratory protection appropriate to the task and the level of existing engineering controls. Thermal hazards: Wear appropriate thermal protective clothing, when necessary. General hygiene considerations: Handle in accordance with good industrial hygiene and safety practice. Handling practices in this SDS are recommendations for laboratory use of reference standards. Procedures for any other uses or quantities should be determined after an appropriate assessment. |

## Section 9: Physical and Chemical Properties

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|---|---|
| **Appearance** | Solid, crystalline powder, white to off-white in color. |
| **Odor** | Odorless |
| **Odor Threshold** | Not available |

| | | | |
|---|---|---|---|
| **Melting Point** | 318.2 - 327.2 °F (159 - 164 ° | **pH** | in aqueous solution 5 - 6.5 (2% sol |
| **Freezing Point** | Not available | **Vapor Pressure** | Not available. |
| **Boiling Point/Range** | Not available. | **Vapor Density** | Not available. |
| **Decomposition temperature** | Not available | **Viscosity** | Not available. |
| **Partition Coefficient: n-octanol/water** | 4.71 | **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)** | Freely soluble in water. |
| **Other** | Ethanol: Soluble. Benzene: Very slightly soluble. Ether: Very slightly soluble. Chloroform: Freely soluble Chemical family Aliphatic phenothiazine. Molecular formula (C18H22N2S)2 . C4H6O6 Molecular weight 746.98 |

## Section 10: Stability and Reactivity

| | |
|---|---|
| **Reactivity** | The product is stable and non-reactive under normal conditions of use, storage and transport. |
| **Chemical Stability** | Material is stable under normal conditions. |
| **Hazardous Polymerization** | No dangerous reaction known under conditions of normal use |
| **Conditions to Avoid** | Contact with incompatible materials. |
| **Incompatible Materials** | Strong oxidizing agents. |
| **Hazardous Decomposition Products** | NOx, SOx. Irritating and/or toxic fumes or gases. Emits toxic fumes under fire conditions |

## Section 11: Toxicological Information

**RTECS** SO6475000

**Acute Toxicity**
Toxic if swallowed Oral Acute LD50 Mouse 300 mg/kg Rat 210 mg/kg

**Skin Corrosion/Irritation**
Not available

**Serious Eye Damage/Irritation**
Not available

**Respiratory or Skin Sensitization**
Not available.

**Germ Cell Mutagenicity**
Not available

**Carcinogenicity**
Not available

**Reproductive Toxicity**
Not available

**Routes of Entry**
Ingestion.

**Symptoms Related to Exposure**
For phenothiazines: Abnormal heartbeat. Involuntary movements. Rigidity. Weakness. Gastrointestinal disturbances. Incoordination. Dizziness. Drowsiness. Disorientation. Pinpoint pupils. Yellow eyes and/or skin. Dry mouth. Nasal congestion. Decreased sweating. Difficulty urinating. Increased sensitivity of skin or eyes to sunlight. Skin rash. Skin discoloration Convulsions. Coma

**Potential Health Effects**
Not available

**Target Organ(s)** Single: Causes damage to organs (heart). Repeated: Causes damage to organs (nervous system) through prolonge

## Section 12: Ecological Information

**Ecotoxicity**
The product is not classified as environmentally hazardous. However, this does not exclude the possibility that large or frequent spills can have a harmful or damaging effect on the environment

**Persistance and Degradability**
No data available

**Bioaccumulative Potential**
Octanol/water partition coefficient log Kow 4.71

**Mobility in Soil**
No data available

**Other Adverse Effects**
No data available

## Section 13: Disposal Considerations

**Waste Disposal**
Dispose in accordance with all applicable regulations. 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 The waste code should be assigned in discussion between the user, the producer and the waste disposal company 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.

**Disposal of Container**
Not available

**Other Considerations**
Not available

## Section 14: Transport Information

**DOT Classification**
UN number: UN2811 UN proper shipping name: Toxic solid, organic, n.o.s. (Trimeprazine Tartrate) Transport hazard class(es) Class 6.1 Subsidiary risk - Packing Group III

## Section 15: Regulatory Information

**Regulations**
US federal regulations: One or more components are not listed on TSCA. CERCLA/SARA Hazardous Substances - Not applicable. This product is a "Hazardous Chemical" as defined by the OSHA Hazard Communication Standard, 29 CFR 1910.1200 TSCA Section 12(b) Export Notification (40 CFR 707, Subpt. D) Not regulated. CERCLA Hazardous Substance List (40 CFR 302.4) Not listed. SARA 304 Emergency release notification Not regulated. OSHA Specifically Regulated Substances (29 CFR 1910.1001-1050) Not regulated. Superfund Amendments and Reauthorization Act of 1986 (SARA) Immediate Hazard - Yes Delayed Hazard - Yes Fire Hazard - No Pressure Hazard - No Reactivity Hazard - No Hazard categories SARA 302 Extremely hazardous substance Not listed. YesSARA 311/312 Hazardous chemical SARA 313 (TRI reporting) Not regulated. Other federal regulations Clean Air Act (CAA) Section 112 Hazardous Air Pollutants (HAPs) List Not regulated. Clean Air Act (CAA) Section 112(r) Accidental Release Prevention (40 CFR 68.130) Not regulated. Not regulated.Safe Drinking Water Act (SDWA)

**Other**
Not available.

**Section 16: Other Information**

Acute Tox 3 (Dermal): Category 3 Acute Tox 3 (Inhalation): Category 3 Acute Tox 3 (Inhalation, dust, mist): Category 3 Acute Tox 3 (Oral): Category 3 Skin Sens. 1: Category 1 H301: Toxic if swallowed H311: Toxic if contact with skin H317: May cause allergic reaction H331: Toxic if inhaled R20/21/22: Harmful by inhalation, in contact with skin and if swallowed Xn: Harmful