



Material Safety Data Sheet

MSDS Number: 1102378
Revision date: 08/12/2004
Print date: 08/12/2004

1. CHEMICAL PRODUCT AND COMPANY IDENTIFICATION

MSDS Number: 1102378
Product name: Promethazine HCl Injection, USP
Product code: NDC 0641-1495-35, NDC 0641-0928-25, NDC 0641-1496-35, NDC 0641-0929-25, NDC 60977-001-43, NDC 60977-001-01, NDC 60977-002-43, NDC 60977-002-02, NDC 0641-1495-31, NDC 0641-1496-31, NDC 0641-0928-21, NDC 0641-0929-21, NDC 0641-0948-31, NDC 0641-0948-35, NDC 0641-0949-31, NDC 0641-0949-35, NDC 0641-0955-21, NDC 0641-0955-25, NDC 0641-0956-21, NDC 0641-0956-25, NDC 10019-097-01, NDC 10019-097-44, NDC 60977-002-04, NDC 60977-002-44, NDC 60977-001-03, NDC 60977-001-44
Synonyms: Phenergan® (promethazine HCl) Injection
Chemical Family: Anticholinergic Agent. Antihistaminic Agent. Antiemetic. Sedative.
Product Type: Regulated Prescription Drug
Container Information: 1 and 2 ml Dosette® vials or ampuls.
Product Use: Pharmaceutical.

Supplier:
BAXTER HEALTHCARE CORPORATION
DEERFIELD, ILLINOIS 60015
(800) 422-9837 or (847) 948-4770

Emergency telephone number: PROSAR: USA (888) 990-0996 OUTSIDE USA (615)917-6114
CHEMTREC: USA (800) 424-9300 OUTSIDE USA (743)741-6089

2. COMPOSITION/INFORMATION ON INGREDIENTS

| Component | Weight % | UN Number: | Classification: |
|---------------------------------------|----------|------------|-------------------|
| Promethazine Hydrochloride 58-33-3 | 2.5-5 | None | None |
| Phenol 108-95-2 | <1 | UN2821 | C;R34 T;R24/25 |
| Edetate Disodium 139-33-3 | <0.1 | None | None |
| Sodium Metabisulfate 7681-57-4 | <0.05 | None | None |
| Calcium Chloride 10043-52-4 | <0.01 | None | None |
| Water 7732-18-5 | >94 | None | None |

3. HAZARDS IDENTIFICATION

Emergency overview: WARNING! HARMFUL IF SWALLOWED. Do not ingest. Avoid skin contact. Avoid eye contact. Central Nervous System depression. Avoid prolonged sun exposure after direct contact.

Principle routes of exposure: Absorbed through skin. Eye contact. Ingestion.

Product id: 1102378

Product name: Promethazine HCl Injection, USP

| | |
|----------------------|--|
| Inhalation: | Inhalation not likely under normal use conditions. |
| Ingestion: | Harmful if swallowed. |
| Skin contact: | Can cause skin irritation. |
| Eye contact: | Can cause eye irritation. |

4. FIRST AID MEASURES

| | |
|----------------------------|--|
| Inhalation: | If inhaled, remove to fresh air. If not breathing, give artificial respiration. If breathing is difficult, give oxygen. Get medical attention if symptoms appear. |
| Skin contact: | In case of contact, immediately flush skin with plenty of water. Get medical attention if irritation develops. |
| Ingestion: | Do NOT induce vomiting unless directed to do so by medical personnel. Never give anything by mouth to an unconscious person. If large quantities of this material are swallowed, call a physician immediately. |
| Eye contact: | In case of contact, immediately flush eyes with plenty of water for at least 15 minutes. Get medical attention. |
| Notes to physician: | See patient package insert in shipping carton for complete information. |

5. FIRE FIGHTING MEASURES

| | |
|---|--|
| Suitable extinguishing media: | Use foam or all purpose dry chemicals to extinguish. |
| Special protective equipment for firefighters: | Fire fighters should wear positive pressure self-contained breathing apparatus (SCBA) and full turnout gear. |
| Specific methods: | No information available. |
| Flash point: | Not determined |
| Autoignition temperature: | Not available |
| Flammable limits in air-lower (%): | Not available |
| Flammable limits in air-upper (%): | Not available |

6. ACCIDENTAL RELEASE MEASURES

| | |
|-----------------------------------|--|
| Personal precautions: | Keep unnecessary personnel away. Use suitable protective equipment (Section 8). Follow all fire fighting procedures (Section 5). |
| Environmental precautions: | No information available. |
| Methods for cleaning up: | If emergency personnel are unavailable, contain spilled material. For small spills add absorbent (soil may be used in the absence of other suitable materials) scoop up material and place in a sealed, liquid-proof container for disposal. For large spills dike spilled material or otherwise contain material to ensure runoff does not reach a waterway. Place spilled material in an appropriate container for disposal. Minimize contact of spilled material with soils to prevent runoff to surface waterways. |

7. HANDLING AND STORAGE

Handling:**Technical measures/precautions:**

Do not ingest. Avoid skin contact. Avoid eye contact. Wash thoroughly after handling.

Storage:**Technical measures/storage conditions:**

Keep containers tightly closed in a cool, well-ventilated place. Store at room temperature between 20°C and 25°C (68°F and 77°F). Protect from light.

Incompatible products:

No special restrictions on storage with other products.

8. EXPOSURE CONTROLS/PERSONAL PROTECTION

Occupational Exposure Limits

| Component | OSHA- Time Weighted Average: | OSHA- Short Term Exposure Limit: | OSHA- Ceiling Limits | ACGIH- Time Weighted Average: | ACGIH- Short Term Exposure Limit: | ACGIH- Ceiling Limit Value: |
|---------------------------------------|---|----------------------------------|----------------------|-------------------------------|-----------------------------------|-----------------------------|
| Promethazine Hydrochloride 58-33-3 | None | None | None | None | None | None |
| Phenol 108-95-2 | = 5 ppm TWA = 19 mg/m ³ TWA | None | None | = 5 ppm TWA | None | None |
| Edetate Disodium 139-33-3 | None | None | None | None | None | None |
| Sodium Metabisulfate 7681-57-4 | None | None | None | = 5 mg/m ³ TWA | None | None |
| Calcium Chloride 10043-52-4 | None | None | None | None | None | None |
| Water 7732-18-5 | None | None | None | None | None | None |

Engineering measures:

Provide general or local exhaust ventilation.

Personal protective equipment:**Respiratory protection:**

Perform exposure monitoring for this product and its components to ensure that employees are not exposed to levels greater than applicable regulatory limits. If exposure levels exceed regulatory limits, implement a respiratory protection program including respiratory protection that is in compliance with OSHA 29 CFR1910.134 (in the US) or equivalent regulation in other regions. Fire fighting requires the use of a self-contained breathing apparatus with full face piece and positive pressure mode.

Hand protection:

Use chemical resistant, impervious gloves.

Skin and body protection:

Work uniform or laboratory coat. Additional body garments should be used based upon the task being performed (e.g., sleevelets, apron, gauntlets, disposable suits).

Eye protection:

Safety glasses with side-shields. Goggles, face shield, or other full-face protection if potential exists for direct exposure to aerosols or splashes.

9. PHYSICAL AND CHEMICAL PROPERTIES

Physical state:

Liquid

Appearance:

Aqueous solution

Product id: 1102378

Product name: Promethazine HCl Injection, USP

| | |
|---|----------------|
| Color: | Colorless |
| Odor: | Not available. |
| pH: | 4.0 - 5.5 |
| Molecular weight: | Not available. |
| Boiling point/range: | Not available. |
| Melting point/range: | Not available. |
| Density: | Not available. |
| Vapor pressure: | Not available. |
| Evaporation rate: | Not available. |
| Solubility: | Not available. |
| Partition coefficient (n-octanol/water): | Not available. |
| Viscosity: | Not available. |
| % Volatile by Volume: | Not available. |

10. STABILITY AND REACTIVITY

| | |
|--|--|
| Stability: | Stable under recommended storage conditions. |
| Polymerization: | Not applicable |
| Hazardous decomposition products: | Not available. |
| Materials to avoid: | Acids. Bases. Oxidizing agents. |

11. TOXICOLOGICAL INFORMATION

| Component | LD50s and LC50s |
|---------------------------------------|--|
| Promethazine Hydrochloride 58-33-3 | Oral LD50 Mouse = 255 mg/kg Intravenous LD50 Rat = 15 mg/kg Intravenous LD50 Mouse = 50 mg/kg |
| Phenol 108-95-2 | Inhalation LC50 Mouse = 177 mg/m ³ Oral LD50 Mouse = 270 mg/kg Inhalation LC50 Rat = 316 mg/m ³ Oral LD50 Rat = 317 mg/kg Dermal LD50 Rabbit = 630 mg/kg |
| Edetate Disodium 139-33-3 | Oral LD50 Rat = 2 gm/kg Oral LD50 Mouse = 2050 mg/kg |
| Sodium Metabisulfate 7681-57-4 | Oral LD50 Rat > 2 g/kg |
| Calcium Chloride 10043-52-4 | Oral LD50 Rat = 1 gm/kg Oral LD50 Mouse = 1940 mg/kg |
| Water 7732-18-5 | Oral LD50 Rat: >50000 mg/kg |

| | |
|-------------------------------|---|
| Acute toxicity: | Signs and symptoms of anticholinergic toxicity include: lethargy, sleepiness, dizziness, coma, confusion, agitation, hallucinations, convulsions, visual disturbances, dry flushed skin, dry mouth, decreased bowel sounds, urinary retention, increased heart rate, high blood pressure, and supraventricular arrhythmias (loss of rhythm above the ventricles). Irritation potential to skin, eyes, and mucous membranes. |
| Chronic toxicity: | Contains material which causes damage to the following organs: kidneys, lungs, liver, mucous membranes, spleen, skin, eye, lens or cornea, and pancreas. Target Organs: Bone marrow, Nervous system. |
| Carcinogenic effects: | Not classified or listed by IARC, NTP, OSHA, EU and ACGIH. No data is available on the product itself. |
| Mutagenic effects: | Not fully evaluated. Non-mutagenic in the Ames test. |
| Reproductive toxicity: | Fetotoxic at high doses based upon animal data. See patient package insert for additional information. |
| FDA Pregnancy Catagory | C |

12. ECOLOGICAL INFORMATION

Environmental properties:

| Component | Ecotoxicity - Water Flea Data | Fish Species Ecotoxicity | Ecotoxicity - Freshwater Algae Data | Microtox Eotoxicity Data |
|---------------------------------------|-------------------------------|--|-------------------------------------|--|
| Promethazine Hydrochloride 58-33-3 | None. | None. | None. | None. |
| Phenol 108-95-2 | = 23.0 mg/L LC50 water flea | LC50 (96 hr) fathead minnow:24 mg/L;LC50 (96 hr) rainbow trout:8.9 mg/L;Flow-through, 13-15 °C, pH 7.7-8.1, 565-700 mg/L CaCO3.;LC50 (96 hr) bluegill:23.88 mg/L;Static, 25 °C, pH 7.5, 20.0 mg/L CaCO3. | None. | = 28.8 mg/L EC50 Photobacterium phosphoreum = 31.6 mg/L EC50 Photobacterium phosphoreum |
| Edetate Disodium 139-33-3 | None. | LC50 (96 hr) bluegill:159 mg/L;Static. | None. | None. |
| Sodium Metabisulfate 7681-57-4 | None. | None. | None. | None. |
| Calcium Chloride 10043-52-4 | None. | None. | None. | None. |
| Water 7732-18-5 | None. | None. | None. | None. |

Ecotoxicity effects: No data available

Product id: 1102378

Product name: Promethazine HCl Injection, USP

Bioaccumulation: No data available

13. DISPOSAL CONSIDERATIONS

Waste Classification: Not regulated.

Waste from residues / unused products: Waste disposal must be in accordance with appropriate Federal, State, and local regulations.

14. TRANSPORT INFORMATION

DOT:

| | |
|--------------------|------|
| DOT shipping name: | None |
| UN Number: | None |
| DOT Packing Group: | None |
| DOT Hazard class: | None |

TDG (Canada):

| | |
|---------------------------|------|
| TDG Proper shipping name: | None |
| TDG UN/NA Number: | None |
| TDG Packing Group: | None |
| TDG Hazard class: | None |

ADR/RID:

| | |
|------------------------------|------|
| ADR Official Transport Name: | None |
| ADR Proper shipping name: | None |
| ADR UN/NA number: | None |
| ADR Hazard Class: | None |

ICAO / IATA:

| | |
|----------------------------|------|
| IATA Proper shipping name: | None |
| IATA UN NUMBER | None |
| IATA Primary Hazard | None |
| IATA Packing group: | None |
| ICAO ERG Code: | None |

IMO / IMDG:

| | |
|---------------------------------|------|
| IMDG Proper Shipping Name: | None |
| IMDG Hazard Class and Division: | None |
| IMDG Packing Group: | None |
| IMDG Subsidiary Risks: | None |

15. REGULATORY INFORMATION

U.S. Regulations:

TSCA Inventory List - The product is exempt from TSCA, it is FDA Regulated

OTHER REGULATIONS:

Japanese Inventory (ENCS) This product does not comply with JPENCS

| Component | Weight % | RCRA Status: | CERCLA Reportable Quantity: | CERCLA/SARA - 302 Ext. haz. substances: | Listed as Sara 313 title III: |
|----------------------------|----------|-------------------|--|---|---|
| Promethazine Hydrochloride | 2.5-5 | Not Listed | Not Listed | Not Listed | Not Listed |
| Phenol | <1 | waste number U188 | = 454 kg final RQ = 1000 lb final RQ = 45.4 kg final RQ = 100 lb final RQ = 0.454 kg final RQ = 1 lb final RQ | = 10,000 lb TPQ upper threshold = 500 lb TPQ lower threshold | form R reporting required for 1.0% de minimis concentration |
| Edetate Disodium | <0.1 | Not Listed | Not Listed | Not Listed | Not Listed |
| Sodium Metabisulfate | <0.05 | Not Listed | Not Listed | Not Listed | Not Listed |
| Calcium Chloride | <0.01 | Not Listed | Not Listed | Not Listed | Not Listed |
| Water | >94 | Not Listed | Not Listed | Not Listed | Not Listed |

STATE REGULATIONS:

| Component | California Prop 65: | Minnesota Right-To - Know: | Florida Right-to-Know Reporting List: | Rhode Island Right-to-Know List: | Massachusetts Right-to-Know List: | Pennsylvania Right-to-Know: | New Jersey Right-to-Know: |
|----------------------------|---------------------|----------------------------|---------------------------------------|----------------------------------|-----------------------------------|-----------------------------|---------------------------|
| Promethazine Hydrochloride | Not Listed | Not Listed | Not Listed | Not Listed | Not Listed | Not Listed | Not Listed |
| Phenol | Not Listed | Skin | Not Listed | Toxic, Flammable | extraordinarily hazardous | environmental hazard | sn 1487 |
| Edetate Disodium | Not Listed | Not Listed | Not Listed | Not Listed | Not Listed | Not Listed | Not Listed |
| Sodium Metabisulfate | Not Listed | Present | Not Listed | Toxic | Present | [present] | sn 1708 |
| Calcium Chloride | Not Listed | Not Listed | Not Listed | Not Listed | Not Listed | Not Listed | Not Listed |
| Water | Not Listed | Not Listed | Not Listed | Not Listed | Not Listed | Not Listed | Not Listed |

CANADIAN REGULATIONS:

Canada DSL Inventory List - This product complies with DSL

EU EINECS List - This product complies with EINECS

Risk Phrases:
NONE

Safety Phrases:
NONE

16. OTHER INFORMATION

This data sheet contains changes from the previous version in section(s)?:

Additional product codes. Changes to Section 3. Changes to Section 4. Changes to Section 7. Changes to Section 8.

Additional information:
Not Available.

Prepared by: Technology Resources, Baxter Healthcare Corporation

To the best of our knowledge, the information contained herein is accurate. However, neither the above named supplier nor any of its subsidiaries assumes any liability whatsoever for the accuracy or completeness of the information contained herein. Final determination of suitability of any material is the sole responsibility of the user. All materials may present unknown hazards and should be used with caution. Although certain hazards are described herein, we cannot guarantee that these are the only hazards that exist.

End of safety data sheet: