Prilocaine Hydrochloride, USP

SAFETY DATA SHEET

Section 1 Identification of the substance/mixture and of the company/undertaking

Product Identifier

Identification on the label/ Tradename: Prilocaine Hydrochloride, USP
Identification of the Product: CAS# 1786-81-8
RTECS No.: UG5775000
CI No.: Not Available

Synonyms: N-(2-Methylphenyl)-2-(propylamino) propanamide hydrochloride

Relevant identified uses of the substance and uses advised against:

Identified Uses: No information available
Uses Advised Against: No information available

Name, address, and telephone number of the manufacturer:

Refer to Supplier

Name, address, and telephone number of the supplier:

Encore Scientific
801 West New Orleans Street Broken Arrow, OK, USA 74011
Supplier's Telephone #
800-454-2304 Monday to Friday 8:00 am to 6:00 pm (Central time)
24 Hr. Emergency Tel #
INFOTRAC: (800) 535-5053 (Within Continental US and Canada); (352)323-3500 (International)

Section 2 Hazards Identification

Potential Acute Health Effects
Extremely hazardous in case of eye contact (irritant), of ingestion, of inhalation. Very hazardous in case of skin contact (irritant, penetrator). Inflammation of the eye is characterized by redness, watering, and itching. Skin inflammation is characterized by itching, scaling, reddening, or, occasionally, blistering

Potential Chronic Health Effects:
Extremely hazardous in case of eye contact (irritant), of ingestion, of inhalation. Very hazardous in case of skin contact (irritant, penetrator)

Carcinogenic Effects: Not available.
Mutagenic Effects: Not available.
Teratogenic Effects: Not available.
Developmental Toxicity: Not available.

The substance is toxic to blood. Repeated or prolonged exposure to the substance can produce target organs damage. Repeated or prolonged inhalation of dust may lead to chronic respiratory irritation.
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Section 3 Composition/information on ingredients

<table>
<thead>
<tr>
<th>Components</th>
<th>CAS No.</th>
<th>Weight %</th>
</tr>
</thead>
<tbody>
<tr>
<td>Prilocaine Hydrochloride</td>
<td>1786-81-8</td>
<td>100</td>
</tr>
</tbody>
</table>

Toxicological Data on Ingredients: Prilocaine HCl  
LD50: Not available  
LC50: Not available

Section 4 First aid measures

General Advice: National Capital Poison Center in the United States can provide assistance if you have a poison emergency and need to talk to a poison specialist. Call 1-800-222-1222

Skin Contact: After contact with skin, wash immediately with plenty of water. Gently and thoroughly wash the contaminated skin with running water and non-abrasive soap. Be particularly careful to clean folds, crevices, creases and groin. Cover the irritated skin with an emollient. If irritation persists, seek medical attention. Wash contaminated clothing before reusing.

Serious Skin Contact: Wash with a disinfectant soap and cover the contaminated skin with an anti-bacterial cream. Seek medical attention.

Eye Contact: Check for and remove any contact lenses Do not use an eye ointment. Seek medical attention.

Inhalation: Allow the victim to rest in a well ventilated area. Seek immediate medical attention.

Serious Inhalation: Not available

Ingestion: Do not induce vomiting. Loosen tight clothing such as a collar, tie, belt or waistband. If the victim is not breathing, perform mouth-to-mouth resuscitation. Seek immediate medical attention.

Serious Ingestion: Not available

Section 5 Fire-Fighting measures

Flammability: May be combustible at high temperature

Auto Ignition Temperature: Not available.

Flash Points: Not available

Flammable Limits: Not available

Products of Combustion: These products are carbon oxides (CO, CO2), nitrogen oxides (NO, NO2...)

Fire Hazards in Presence of Various Substances
Not available

Explosion Hazards in Presence of Various Substances
Risks of explosion of the product in presence of mechanical impact: Not available.  
Risks of explosion of the product in presence of static discharge: Not available.
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Section 5 Fire-Fighting measures (continued)

Fire Fighting Media and Instructions
SMALL FIRE: Use DRY chemical powder.
LARGE FIRE: Use water spray, fog or foam. Do not use water jet.

Special Remarks:
Fire Hazards – Not available
Explosion – Not available

Section 6 Accidental release measures

Small Spill: Use appropriate tools to put the spilled solid in a convenient waste disposal container. Finish cleaning by spreading water on the contaminated surface and dispose of according to local and regional authority requirements.

Large Spill: Use a shovel to put the material into a convenient waste disposal container. Finish cleaning by spreading water on the contaminated surface and allow to evacuate through the sanitary system.

Section 7 Handling and storage

Precautions: Keep away from heat. Keep away from sources of ignition. Empty containers pose a fire risk, evaporate the residue under a fume hood. Ground all equipment containing material. Do not breathe dust. In case of insufficient ventilation, wear suitable respiratory equipment. If you feel unwell, seek medical attention and show the label when possible. Avoid contact with skin and eyes.

Storage Conditions: Keep container dry. Keep in a cool place. Ground all equipment containing material. Keep container tightly closed. Keep in a cool, well-ventilated place. Combustible materials should be stored away from extreme heat and away from strong oxidizing agents.

Section 8 Exposure Controls/Personal Protection

Engineering Controls: Use process enclosures, local exhaust ventilation, or other engineering controls to keep airborne levels below recommended exposure limits. If user operations generate dust, fume or mist, use ventilation to keep exposure to airborne contaminants below the exposure limit.
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Section 8 Exposure Controls/Personal Protection (continued)

Personal Protection: Splash goggles. Lab coat. Dust respirator. Be sure to use an approved/certified respirator or equivalent. Gloves

Large Spill: Splash goggles. Full suit. Dust respirator. Boots. Gloves. A self contained breathing apparatus should be used to avoid inhalation of the product. Suggested protective clothing might not be sufficient; consult a specialist BEFORE handling this product.

Exposure Limits: Not available

Section 9 Physical and chemical properties

Information on basic physical and chemical properties:

<table>
<thead>
<tr>
<th>Physical state:</th>
<th>Odor:</th>
<th>Taste:</th>
<th>Color:</th>
</tr>
</thead>
<tbody>
<tr>
<td>Solid</td>
<td>Not available</td>
<td>Not available</td>
<td>Not available</td>
</tr>
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</table>

<table>
<thead>
<tr>
<th>Molecular Weight:</th>
<th>pH:</th>
<th>Boiling Point:</th>
<th>Melting Point:</th>
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<tbody>
<tr>
<td>256.77 g/mole</td>
<td>Not applicable</td>
<td>Decomposes.</td>
<td>167.5°C (333.5°F)</td>
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<table>
<thead>
<tr>
<th>Critical Temperature:</th>
<th>Specific Gravity:</th>
<th>Vapor Pressure:</th>
<th>Vapor Density:</th>
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</thead>
<tbody>
<tr>
<td>Not available</td>
<td>Not available</td>
<td>Not applicable</td>
<td>Not available</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Volatility:</th>
<th>Odor Threshold:</th>
<th>Water/Oil Dist. Coeff.:</th>
<th>Ionicity (in water):</th>
</tr>
</thead>
<tbody>
<tr>
<td>Not available</td>
<td>Not available</td>
<td>Not available</td>
<td>Not available</td>
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<table>
<thead>
<tr>
<th>Dispersion Properties:</th>
<th>Solubility:</th>
</tr>
</thead>
<tbody>
<tr>
<td>Not available</td>
<td>Not available</td>
</tr>
</tbody>
</table>

Section 10 Stability and reactivity

Stability: Not available
Instability Temperature: Not available
Conditions to avoid: Not available
Incompatible Materials: Not available
Corrosivity: Non-corrosive in presence of glass.

Special Remarks
Reactivity: Not available
Corrosivity: Not available
Polymerization: Will not occur
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Section 11 Toxicological information

Information on likely routes of exposure
Principal Routes of Exposure: Dermal contact. Eye contact. Inhalation. Ingestion.
Toxicity to Animals
LD50: Not available.
LC50: Not available.

Chronic Effects on Humans: The substance is toxic to blood.
Toxic Effects on Humans: Extremely hazardous in case of ingestion, of inhalation. Very hazardous in case of skin contact (irritant, permeator).

Special Remarks
Toxicity to Animals: Not available
Chronic Effects on Humans: Not available
Toxic Effects on Humans: Not available

Section 12 Ecological information

Ecotoxicity: Not available
BOD5 and COD: Not available

Products of Biodegradation
Possibly hazardous short term degradation products are not likely. However, long term degradation products may arise.

Toxicity of the Products of the Biodegradation
The products of degradation are more toxic.

Special Remarks on the Products of Biodegradation
Not available

Section 13 Disposal considerations

Waste Disposal
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Section 14 Transport information

DOT Classification: Not a DOT Controlled Material (United States)

Identification: Not applicable

Special Provisions for Transport: Not applicable

Pictograms:

Section 15 Regulation information

Federal and State Regulations: TSCA 8(b) inventory: Prilocaine Hydrochloride

California Prop. 65 Warnings
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 Regulations

Other Classifications
WHMIS (Canada): CLASS D-2B: Material causing other toxic effects (TOXIC).
DSCL (EEC): R38- Irritating to skin. R41- Risk of serious damage to eyes

HMIS (U.S.A)
Health Hazard: 3 Fire Hazard: 1 Reactivity: 0 Personal Protection: E

National Fire Protection Association (U.S.A)
Health: 3 Flammability: 1 Reactivity: 0
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Section 15 Regulation information (continued)

Pictograms

WHMIS Canada:

DSCL Europe:

TDG Canada:

ADR Europe:

Section 16 Other information

Further information: This information is based upon the present state of our knowledge. This SDS has been compiled and is solely intended for this product.

Notice to reader:

Employers should use this information only as a supplement to other information gathered by them, and should make independent judgment of suitability of this information to ensure proper use and protect the health and safety of employees. This information is furnished without warranty, and any use of the product not in conformance with this Safety Data Sheet, or in combination with any other product or process, is the responsibility of the user.