

**SAFETY DATA SHEET**  
**Prochlorperazine Edisylate Injection USP**  
**10 mg/2 mL (5 mg/mL)**



Caplin Steriles Limited

**SECTION 1: IDENTIFICATION**

<b>Product Name</b>	:	Prochlorperazine Edisylate Injection USP
<b>Product Code</b>	:	65145-119
<b>Common/Trade Name</b>	:	Prochlorperazine Edisylate Injection USP
<b>Chemical Name</b>	:	10H-Phenothiazine, 2-chloro-10-[3-(4-methyl-1-piperazinyl) propyl]-1,2-ethanedisulfonate (1:1)
<b>Chemical Family</b>	:	Antipsychotic – Antiemetic
<b>Intended Use</b>	:	Pharmaceuticals
<b>Product Type</b>	:	Regulated Prescription Drug
<b>Container Information</b>	:	Vial
<b>Supplier Details</b>	:	Caplin Steriles Limited, Survey No. 895 & 897, Guruvarajakandigai, Sirupuzhalpettai (Post), Gummidiipoondi (Taluk), Thiruvallur (District), Pin Code: 601 201, Tamil Nadu (State), INDIA.
<b>Emergency Telephone Number</b>	:	+91-4467901901/02/03

**SECTION 2: HAZARDS IDENTIFICATION**

<b>(a) Classification of the Substance or Mixture</b>	:	Not Classified.
<b>(b) Label Elements GHS-US Labeling</b>	:	None.
<b>Signal Word</b>	:	No Signal Word.
<b>Hazard Statements</b>	:	Not Applicable (N/A).
<b>H334</b>	:	May cause allergy or asthma symptoms or breathing difficulties if inhaled.
<b>(c) Other Hazards</b>	:	Not Applicable (N/A).
<b>(d) Unknown Acute Toxicity (GHS-US)</b>	:	No data available.

**SECTION 3: COMPOSITION/INFORMATION ON INGREDIENTS**

Ingredient Name	% Composition or Other Measure	CAS Number
Prochlorperazine Edisylate	7.54* mg per mL	1257-78-9
Monobasic Sodium Phosphate Monohydrate	5.0 mg per mL	7558-80-7
Sodium Tartrate Dihydrate	12.0 mg per mL	6106-24-7
Saccharin Sodium	0.9 mg per mL	6155-57-3
Benzyl Alcohol	7.5 mg per mL	100-51-6
Water for Injection	Q.S to 1 mL	7732-18-5

\*Prochlorperazine Edisylate equivalent to 5 mg of Prochlorperazine; Q.S – Quantity Sufficient

**SECTION 4: FIRST AID MEASURES**

<b>(a) Description of First Aid Measures First-aid Measures General</b>	Never give anything by mouth to an unconscious person. If you feel unwell, seek medical advice (show the label where possible). In the event of accidental injection, immediately call a poison center or seek medical advice.
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<b>First- aid Measures After Inhalation</b>	:	Immediately move exposed subject to fresh air. If not breathing, give artificial respiration. If breathing is labored, administer oxygen. Immediately notify medical personnel and supervisor.
<b>First-aid Measures After Skin Contact</b>	:	Wash exposed area with soap and water and remove contaminated clothing/shoes. If irritation occurs or persists, notify medical personnel and supervisor.
<b>First-aid Measures After Eye Contact</b>	:	Immediately flush eyes thoroughly with water for at least 15 minutes. Remove contact lenses, if present and easy to do. Continue rinsing. Seek medical attention.
<b>First-aid Measures After Ingestion</b>	:	Do not induce vomiting unless directed by medical personnel. Do not give anything to drink unless directed by medical personnel. Never give anything by mouth to an unconscious person. Notify medical personnel and supervisor.
<b>(b) Most important symptoms and effects, both acute and delayed Symptoms/Injuries</b>	:	Irritation of eyes and mucous membranes. Gastrointestinal disturbances.
<b>Indication of Any Immediate Medical Attention and Special Treatment Needed</b>	:	Treat symptomatically. Contact poison treatment specialist immediately if large quantities have been ingested or inhaled.

#### SECTION 5: FIRE FIGHTING MEASURES

**(a) Extinguishing Media**

<b>Suitable Extinguishing Media</b>	:	Water spray, dry chemical, foam, carbon dioxide.
<b>Unsuitable Extinguishing Media</b>	:	A heavy water stream may spread burning liquid. CAUTION: Carbon dioxide is an asphyxiant. Lack of oxygen can be fatal.
<b>(b) Special Hazards Arising from the Substance or Mixture</b>	:	Hazardous reactions will not occur under normal conditions.
<b>(c) Special protective equipment and precautions for fire-fighters</b>	:	Firefighters must use full bunker gear including NIOSH-approved positive-pressure self-contained breathing apparatus to protect against potential hazardous combustion and decomposition products.
<b>Firefighting Instructions</b>	:	Exercise caution when fighting any chemical fire. Use water spray or fog for cooling exposed containers.

#### SECTION 6: ACCIDENTAL RELEASE MEASURES

**(a) Personal Precautions, Protective Equipment and Emergency Procedures General Measures**

<b>For Non-emergency Personnel Protective Equipment:</b>	:	Avoid all unnecessary exposure. Do not breathe vapor or mist.
<b>Protective Equipment</b>	:	Use appropriate personal protection equipment (PPE). Refer to section 8.2.
<b>Emergency Procedures</b>	:	Evacuate unnecessary personnel.

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**SECTION 7: HANDLING AND STORAGE**

<b>(a) Precautions for Safe Handling Hygiene Measures</b>	:	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.
<b>(b) Conditions for Safe Storage, Including Any Incompatibilities Technical Measures</b>	:	Comply with applicable regulations.
<b>Storage Conditions</b>	:	No special storage required for hazard control. Protect from light. For product protection, follow storage recommendations noted on the product case label, the primary container label, or the product insert.
<b>Other Guidelines</b>	:	None
<b>(c) Incompatible Products</b>	:	Not Applicable.

**SECTION 8: EXPOSURE CONTROLS AND PERSONAL PROTECTION**

**(a) Exposure Limits**

Compound	Issuer	Type	Exposure Limit
Benzyl Alcohol	AIHI WEEL	TWA 8 hours	10 ppm

<b>(b) Appropriate Engineering Controls</b>	:	Airborne exposure should be controlled primarily by engineering controls such as general dilution ventilation, local exhaust ventilation, or process enclosure. Local exhaust ventilation is generally preferred to general exhaust because it can control the contamination at its source, preventing dispersion into the work area. An industrial hygiene survey involving air monitoring may be used to determine the effectiveness of engineering controls. Effectiveness of engineering controls intended for use with highly potent materials should be assessed by use of nontoxic surrogate materials.
<b>(c) Personal Protective Equipment</b>	:	Gloves. Safety glasses.
<b>Respiratory Protection</b>	:	Based on the hazard and potential for exposure, select a respirator that meets the appropriate standard or certification. Respirators must be used according to a respiratory protection program to ensure proper fitting, training, and other important aspects of use.
<b>Eye/Face Protection</b>	:	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.
<b>Hand Protection</b>	:	Wear nitrile or other impervious gloves if skin contact is possible. When the material is diluted in an organic solvent, wear gloves that provide protection against the solvent.
<b>Skin and Body Protection</b>	:	Chemical-resistant, impervious gloves complying with an approved standard should be always worn when handling chemical products if a risk assessment indicates this is necessary. Personal protective equipment for

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	the body should be selected based on the task being performed and the risks involved and should be approved by a specialist before handling this product. Appropriate footwear and any additional skin protection measures should be selected based on the task being performed and the risks involved and should be approved by a specialist before handling this product.
<b>Special Note</b>	: When using, do not eat, drink, or smoke.

**SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES**

<b>Appearance</b>	: Liquid, colorless to slightly yellow solution
<b>Odor</b>	: Odorless
<b>Odor Threshold</b>	: Not applicable
<b>pH</b>	: 4.2 – 6.2
<b>Melting Point/Freezing Point</b>	: Not applicable
<b>Initial Boiling Point and Boiling Range</b>	: No data available
<b>Flash Point</b>	: No data available
<b>Evaporation Rate</b>	: Not applicable
<b>Flammability (solid, gas)</b>	: No data available
<b>Upper/Lower flammability or Explosive Limits</b>	: Not available
<b>Vapour Pressure</b>	: No data available
<b>Vapor Density</b>	: Not available
<b>Relative Density</b>	: Not available
<b>Solubility</b>	: Not applicable
<b>Partition Coefficient: n-octanol/water</b>	: Not applicable
<b>Auto Ignition Temperature</b>	: No data available
<b>Decomposition Temperature</b>	: Not available
<b>Viscosity</b>	: No data available

**SECTION 10: STABILITY AND REACTIVITY**

<b>Reactivity</b>	: Hazardous reactions will not occur under normal conditions.
<b>Chemical Stability</b>	: Stable under recommended handling and storage conditions (see section 7).
<b>Possibility of Hazardous Reactions</b>	: No hazardous reaction known under conditions of normal use.
<b>Conditions to Avoid</b>	: Heat, flames, and sparks.
<b>Incompatible Materials</b>	: Acids, Bases, Oxidizing Agents.
<b>Hazardous Decomposition Products</b>	: NOx. Irritating and/or toxic fumes or gases. Emits toxic fumes under fire condition.

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**SECTION 11: TOXICOLOGICAL INFORMATION**

<b>(a) Likely Route of Entry</b>	:	Skin, eyes, ingestion, or inhalation.
<b>Contact With Skin or Eyes</b>	:	May cause eye and skin irritation.
<b>Inhalation</b>	:	May be harmful if inhaled. May cause respiratory tract irritation.
<b>Ingestion</b>	:	Ingestion may cause adverse effects.
<b>(b) Symptoms related to the physical, chemical and toxicological characteristics</b>	:	No known significant effects or critical hazards.
<b>(c) Delayed and immediate effects and chronic effects from short and long term exposure</b>	:	No known significant effects or critical hazards.
<b>Reproduction &amp; Development Toxicity</b>	:	No data available.
<b>Carcinogenicity</b>	:	No studies identified.

**(d) Acute Toxicity**

Chemical Name	Oral LD50	Dermal LD50	Inhalation LC50
Benzyl Alcohol	= 1230 mg/kg (Rat)	= 2000 mg/kg (Rabbit)	-

**SECTION 12: ECOLOGICAL INFORMATION**

<b>(a) Ecotoxicity</b>	:	Benzyl Alcohol: Acute LC 50 460000 mcg/L Fresh Water; Species: Fish - Pimephales promelas - Juvenile (Fledgling, Hatchling, Weanling); Exposure: 96 hours.
<b>(b) Persistence and Degradability</b>	:	Not determined for product.
<b>(c) Bioaccumulative Potential</b>	:	Benzyl Alcohol LogP 0.87: Potential low.
<b>(d) Mobility In Soil</b>	:	Not Applicable.
<b>(e) Other Adverse Effects</b>	:	No known significant effects or critical hazards.

**SECTION 13: DISPOSAL CONSIDERATIONS**

<b>(a) Sewage Disposal Recommendations</b>	:	The generation of waste should be avoided or minimized wherever possible. Disposal of this product, solutions and any by-products should comply with the requirements of environmental protection and waste disposal legislation and any regional local authority requirements. Avoid dispersal of spilled material and runoff and contact with soil, waterways, drains and sewers.
<b>(b) Waste Disposal Recommendations</b>	:	Dispose of waste material in accordance with all local, regional, national, and international regulations. Dispose of surplus and non-recyclable products via a licensed waste disposal contractor. Waste should not be disposed of untreated to the sewer unless fully compliant with the requirements of all authorities with jurisdiction. Waste packaging should be recycled. Incineration or landfill should only be considered when recycling is not feasible. This material and its container must be disposed of in a safe way.

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Empty containers or liners may retain some product residues.

**SECTION 14: TRANSPORT INFORMATION**

<b>In Accordance with DOT</b>		:	Not regulated for transport
<b>(a)</b>	<b>UN Number</b>	:	Not Applicable
<b>(b)</b>	<b>UN Proper Shipping Name</b>	:	Not Applicable
<b>(c)</b>	<b>Transport Hazardous Class(es)</b>	:	Not Applicable
<b>(d)</b>	<b>Packing Group</b>	:	Not Applicable
<b>(e)</b>	<b>Environmental Hazards (e.g., Marine pollutant)</b>	:	Not regulated for transport
<b>(f)</b>	<b>Transport in bulk (according to Annex II of MARPOL 73/78 and the IBC Code)</b>	:	Not Applicable
<b>(g)</b>	<b>Special precautions which a user needs to be aware of, or needs to comply with, in connection with transport or conveyance either within or outside their premises</b>	:	Not Applicable
<b>In Accordance with IMDG</b>		:	Not regulated for transport
<b>In Accordance with IATA</b>		:	Not regulated for transport

**SECTION 15: REGULATORY INFORMATION**

<b>U.S. Regulations</b>		
<b>TSCA 4(a) proposed test rules: 1,2-Benzisothiazol-3(2H)-one 1,1-dioxide, sodium salt TSCA 8(a) CDR Exempt/Partial exemption</b>	:	Not Determined
<b>United States Inventory (TSCA 8b)</b>	:	Not Determined

**SECTION 16: OTHER INFORMATION**

The information above is believed to be accurate and represents the best information currently available. It is the user's obligation to evaluate and use this product safely and to comply with all applicable laws and regulations. WE MAKE NO WARRANTY OF MERCHANTABILITY, FITNESS FOR A PARTICULAR USE OR ANY OTHER WARRANTY, EXPRESSED OR IMPLIED, WITH RESPECT TO SUCH INFORMATION AND WE ASSUME NO LIABILITY RESULTING FROM ITS USE. Users should make their own investigations to determine the suitability of the information for their own purposes. The user assumes all risks from use of the product.

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**Glossary:** This glossary contains definitions of general terms used in SDSs. Not all of these Glossary Terms will apply to this SDS.

ACGIH	American Conference of Governmental Industrial Hygienists
AICS	Australian Inventory of Chemical Substances
AIHA	American Industrial Hygiene Association
ANSI	American National Standards Institute
CAS Number	Chemical Abstract Service Registry Number
CERCLA	Comprehensive Environmental Response Compensation and Liability Act (of)
CHAN	Chemical Hazard Alert Notice
CHEMTREC	Chemical Transportation Emergency Center
DOT	Department of Transportation
DSL	Domestic Substances List
ECHA	European Chemicals Agency
EINECS	European Inventory of Existing Commercial Chemical Substances
ELINCS	European List of Notified Chemical Substances
EPA	Environmental Protection Agency
GHS	Globally Harmonized System of Classification and Labelling of Chemicals
HEPA	High Efficiency Particulate Air (Filter)
HMIS	Hazardous Materials Identification System
IARC	International Agency for Research on Cancer
ICAO/IATA	International Civil Aviation Organization/International Air Transport
IMO	International Maritime Organization
KOW	Octanol/Water Partition Coefficient
LEL	Lower Explosive Limit
MSDS	Material Safety Data Sheet
MSHA	Mine Safety and Health Administration
NA	Not Applicable, except in Section 14 where NA = North America
NE	Not Established
NADA	New Animal Drug Application
NAIF	No Applicable Information Found
NCI	National Cancer Institute
NDSL	Non-Domestic Substances List
NFPA	National Fire Protection Association
NIOSH	National Institute for Occupational Safety and Health
NPDES	National Pollutant Discharge Elimination System
NOS	Not Otherwise Specified
NTP	National Toxicology Program
OSHA	Occupational Safety and Health Administration
OEL	Occupational Exposure Limit
PEL	Permissible Exposure Limit (OSHA)
RCRA	Resource Conservation and Recovery Act
RQ	Reportable Quantity
RTECS	Registry of Toxic Effects of Chemical Substances
SARA	Superfund Amendments and Reauthorization Act
SDS	Safety Data Sheet

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STEL	Short Term Exposure Limit
TLV	Threshold Limit Value (ACGIH)
TPQ	Threshold Planning Quantity
TSCA	Toxic Substances Control Act
TWA	Time Weighted Average/8 Hours Unless Otherwise Noted
UEL	Upper Explosive Limit
UN	United Nations
USP	United States Pharmacopeia
WEEL	Workplace Environmental Exposure Level (AIHA)
WHMIS	Workplace Hazardous Materials Information System

**History:**

<b>Issued Date</b>	: 17.10.22
<b>Revision Date</b>	: Nil
<b>Version</b>	: 00

----End of SDS---