



Safety Data Sheet

Product Identifier

SECTION 1. IDENTIFICATION

Product Identifier: Diphenist (Diphenhydramine Hydrochloride Injection USP)

Other Means of Identification: Code: L0010078 (1mL) DIN: 02219336

Recommended Use: N/A

Restrictions on Use: N/A

Initial Supplier Identifier: Omega Laboratories, Ltd.
11177 Hamon St.
Montreal, Canada H3M 3E4

Emergency Telephone Number: (514) 335-0310

SECTION 2. HAZARD IDENTIFICATION

Classification: N/A

Label Elements: N/A

Other Hazards: N/A

SECTION 3. COMPOSITION/INFORMATION ON INGREDIENTS

Chemical Name	CAS No.	Concentration	Common name / Synonyms	Other identifiers
Diphenhydramine	147-24-0	5%	N/A	N/A
Hydrochloride	N/A	N/A	N/A	N/A
Bezethonium Chloride	121-54-0	-	N/A	N/A
Water for injection	7732-18-5	q.s.	N/A	N/A

Notes

SECTION 4. FIRST-AID MEASURES

Inhalation: If inhaled, remove to fresh air. If not breathing, give artificial respiration. If breathing is difficult, give oxygen. Seek medical attention.

Skin Contact: Wash contaminated skin with soap and water. Get medical attention if irritation develops.

Eye Contact: In case of contact, immediately flush eyes with plenty of water for at least 15 minutes. 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.

Most Important Symptoms and Effects, Acute and Delayed: N/A

Immediate Medical Attention and Special Treatment: N/A



SECTION 5. FIRE-FIGHTING MEASURES

Extinguishing Media

Suitable Extinguishing Media: Use foam or all purpose dry chemicals to extinguish.

Unsuitable Extinguishing Media: N/A

Specific Hazards Arising from the Product: N/A

Special Protective Equipment and Precautions for Fire-Fighters: Fire fighters should wear positive pressure self-contained breathing apparatus (SCBA) and full turnout gear.

SECTION 6. ACCIDENTAL RELEASE MEASURES

Personal Precautions, Protective Equipment, and Emergency Procedures: 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. Use chemical resistant, impervious gloves and safety glasses. Goggles, face shield or other. Work uniform or laboratory coat for skin protection.

Methods for Containment and 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 disposable. For large spills dike spilled material or otherwise contain material to ensure run off does not reach a waterway. Place spilled material in an appropriate container for disposable.

SECTION 7. HANDLING AND STORAGE

Precautions for Safe Handling and Conditions for Safe Storage: Store between 15°C-30°C. Protect from light. Keep in outer carton before content is used.

SECTION 8. EXPOSURE CONTROLS/PERSONAL PROTECTION

Control Parameters

Chemical Name	ACGIH® TLV®		OSHA PEL	
	TWA	STEL	TWA	STEL
N/A				
N/A				
N/A				

Notes

Appropriate Engineering Controls: Good general ventilation should be sufficient to control airborne levels.

Individual Protection Measures

Eye/Face Protection: Safety glasses. Goggles, face shield, or other.

Skin Protection: Use chemical resistant, impervious gloves. Work uniform or laboratory coat.

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.



SECTION 9. PHYSICAL AND CHEMICAL PROPERTIES

Appearance: Aqueous solution, colorless.

Odour: N/A

Odour Threshold: N/A

pH: 4.0-6.5

Melting Point and Freezing Point: N/A

Initial Boiling Point and Boiling Range: N/A

Flash Point: N/A

Evaporation Rate: N/A

Flammability (solid, gas): N/A

Upper and Lower Flammability or Explosive Limit: N/A

Vapour Pressure: N/A

Vapour Density (air = 1): N/A

Relative Density (water = 1): N/A

Solubility in Water: Easily soluble in water.

Solubility in Other Liquids: N/A

Partition Coefficient, n-Octanol / Water (Log Kow): N/A

Auto-ignition Temperature: N/A

Decomposition Temperature: N/A

Viscosity: N/A

SECTION 10. STABILITY AND REACTIVITY

Reactivity

Chemical Stability: Stable under recommended storage conditions.

Possibility of Hazardous Reactions: N/A

Conditions to Avoid: N/A

Incompatible Materials: Acids. Bases. Oxidizing agents.

Hazardous Decomposition Products: N/A

SECTION 11. TOXICOLOGICAL INFORMATION

Likely Routes of Exposure

☒ Inhalation ☒ Skin contact ☒ Eye contact ☒ Ingestion

Acute Toxicity

LD50 (IV): Rat 35 mg/kg, Mouse 20 mg/kg, Dog 24 mg/kg and Rabbit 10 mg/kg

Notes

Skin Corrosion / Irritation: No known effect.

Serious Eye Damage / Irritation: No known effect.

STOT (Specific Target Organ Toxicity) - Single Exposure

Ingestion Hazard: Harmful if swallowed. Gastrointestinal effects. Nervous system effects (may include



drowsiness, confusion, hallucinations, convulsions, visual disturbances, headache coma).

STOT (Specific Target Organ Toxicity) - Repeated Exposure

Respiratory and/or Skin Sensitization: Inhalation not likely under normal use conditions.

Carcinogenicity

Chemical Name	IARC	ACGIH®	OSHA
N/A			
N/A			
N/A			

Notes

Reproductive Toxicity

Development of Offspring: N/A

Sexual Function and Fertility: N/A

Effects on or via Lactation: N/A

Germ Cell Mutagenicity: N/A

Interactive Effects: N/A

SECTION 12. ECOLOGICAL INFORMATION

Ecotoxicity

Persistence and Degradability: N/A

Bioaccumulative Potential: N/A

Mobility in Soil: N/A

Other Adverse Effects: N/A

SECTION 13. DISPOSAL CONSIDERATIONS

Disposal Methods: N/A

SECTION 14. TRANSPORT INFORMATION

Regulation	UN No.	Proper Shipping Name	Technical Name (for N.O.S. entry)	Transport Hazard Class(es)	Packing Group

Special Precautions: N/A

Environmental Hazards: N/A

Transport in Bulk According to Annex II of MARPOL 73/78 and the IBC Code: N/A



SECTION 15. REGULATORY INFORMATION

Safety, Health and Environmental Regulations: N/A

SECTION 16. OTHER INFORMATION

Date of Latest Revision

13-06-2019

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