



# Safety Data Sheet

## Product Identifier

### SECTION 1. IDENTIFICATION

**Product Identifier:** Benztropine mesylate injection USP

**Other Means of Identification:** Code: L0010081 (2mL), DIN: 02238903

**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
Benzotropine Mesylate	132-17-2	0.1%	N/A	N/A
Sodium Chloride	7647-14-5	0.9%	N/A	N/A
Water for injection	7732-18-5	q.s.	N/A	N/A

#### Notes

### SECTION 4. FIRST-AID MEASURES

**Inhalation:** Remove to fresh air. Oxygen administration, if needed.

**Skin Contact:** Rinse with water for at least 15 minutes.

**Eye Contact:** Rinse with water for at least 15 minutes.

**Ingestion:** Flush out mouth with water. If conscious, induce vomiting and perform gastric lavage if significant amount ingested. Physostigmine Salicylate (1-2mg) SC/IV can reverse CNS symptoms of anticholinergic intoxication.

**Most Important Symptoms and Effects, Acute and Delayed:** Manifestations of overs dosage similar to atropine poisoning/antihistamine over dosage. May cause CNS depression, tachycardia and toxic psychosis.

**Immediate Medical Attention and Special Treatment:** N/A



## SECTION 5. FIRE-FIGHTING MEASURES

### Extinguishing Media

**Suitable Extinguishing Media:** Use the media appropriate to the primary source of the fire.

**Unsuitable Extinguishing Media:** N/A

**Specific Hazards Arising from the Product:** N/A

**Special Protective Equipment and Precautions for Fire-Fighters:** N/A

## SECTION 6. ACCIDENTAL RELEASE MEASURES

**Personal Precautions, Protective Equipment, and Emergency Procedures:** Wear disposable plastic, latex, or rubber gloves and a lab coat.

**Methods for Containment and Cleaning Up:** Contain spill soak up liquid with absorbent material.

## SECTION 7. HANDLING AND STORAGE

**Precautions for Safe Handling and Conditions for Safe Storage:** Store between 15 and 30°C. Do not freeze.

## 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:** Not necessary.

### Individual Protection Measures

**Eye/Face Protection:** Not necessary.

**Skin Protection:** Disposable plastic, latex, or rubber gloves and lab coat.

**Respiratory Protection:** Not necessary.

## SECTION 9. PHYSICAL AND CHEMICAL PROPERTIES

**Appearance:** Clear, colorless.

**Odour:** Odorless liquid.

**Odour Threshold:** N/A

**pH:** 4.0-8.0

**Melting Point and Freezing Point:** N/A



**Initial Boiling Point and Boiling Range:** >100°C (212°F)  
**Flash Point:** N/A  
**Evaporation Rate:** Approximately water rate.  
**Flammability (solid, gas):** Not considered to be a fire hazard.  
**Upper and Lower Flammability or Explosive Limit:** N/A  
**Vapour Pressure:** N/A  
**Vapour Density (air = 1):** N/A  
**Relative Density (water = 1):** Closed from water.  
**Solubility in Water:** Totally soluble.  
**Solubility in Other Liquids:** N/A  
**Partition Coefficient, n-Octanol / Water:** N/A  
**(Log Kow)**  
**Auto-ignition Temperature:** N/A  
**Decomposition Temperature:** N/A  
**Viscosity:** N/A

## SECTION 10. STABILITY AND REACTIVITY

### Reactivity

**Chemical Stability:** This product is stable when stored between 15 and 30C°. Do not freeze.

**Possibility of Hazardous Reactions:** Will not occur.

**Conditions to Avoid:** Freezing and contact with incompatible chemicals.

**Incompatible Materials:** Oxidizing agents and alkalis.

**Hazardous Decomposition Products:** Carbon, sulfur and nitrogen oxides.

## SECTION 11. TOXICOLOGICAL INFORMATION

### Likely Routes of Exposure

Inhalation    Skin contact    Eye contact    Ingestion

### Acute Toxicity

**LD50 (oral):** Rat 940 mg/kg, Mouse 91 mg/kg.

### Notes

**Skin Corrosion / Irritation:** May cause mild irritation.

**Serious Eye Damage / Irritation:** May cause mild irritation.

**STOT (Specific Target Organ Toxicity) - Single Exposure**

**Ingestion Hazard:** Harmful as product affects CNS.

**STOT (Specific Target Organ Toxicity) - Repeated Exposure**

**Respiratory and/or Skin Sensitization:** Harmful as product affects CNS.



**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:** Dispose of waste in respect with all regulatory agencies and laws.

**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



## **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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