



Safety Data Sheet

Product Identifier

SECTION 1. IDENTIFICATION

Product Identifier: Cisatracurium Besylate Injection.

Other Means of Identification: Code L0010213 (5mL) and L0010214 (10mL). DIN 02408813.

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
Cisatracurium Besylate	96946-42-8	0.2%	N/A	N/A
Benzyl Alcohol	100-51-6	0.9%	N/A	N/A
Benzenesulfonic acid	98-11-03	N/A	N/A	N/A
Water for injection	7732-18-5	q.s.	N/A	N/A

Notes

SECTION 4. FIRST-AID MEASURES

Inhalation: If respiratory symptoms develop, move victim away from source of exposure and into fresh air. If symptom persist seek medical attention. If victim is not breathing, clear airway and immediately begin artificial respiration. If breathing difficulties develop, oxygen should be administered by qualified personnel. Seek immediate medical attention.

Skin Contact: Remove contaminated shoes and clothing and cleanse affected area(s) thoroughly by washing with mild soap and water. If irritation or redness develops and persists, seek medical attention.

Eye Contact: Move victim away from exposure and into fresh air. If irritation or redness develops, flush eyes with clean water and seek medical attention. For direct contact, hold eyelids apart and flush the affected eye(s)



with clean water for at least 15 minutes. Seek medical attention.

Ingestion: If swallowed, seek emergency medical attention. If victim is drowsy or unconscious and vomiting, place on the left side with the head down and don't give anything by mouth. If not vomiting and professional advice is not available, don't induce vomiting. If possible, don't leave victim unattended and observe closely for adequacy of breathing.

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: Water spray, foam, dry chemical, carbon dioxide or halon.

Unsuitable Extinguishing Media: N/A

Specific Hazards Arising from the Product: N/A

Special Protective Equipment and Precautions for Fire-Fighters: When the potential chemical hazard is unknown, in enclosed or confined spaces, a self-breathing apparatus should be worn. In addition, wear other appropriate protective equipment as conditions warrant. Isolate immediate hazard area and keep unauthorized personnel out. Cool equipment exposed to fire with water, if it can be done with minimal risk.

SECTION 6. ACCIDENTAL RELEASE MEASURES

Personal Precautions, Protective Equipment, and Emergency Procedures: Use latex, nitrile, or rubber gloves. Wear lab coat, gown, or smock as appropriate for procedure. Approved eye protection to safeguard against potential eye contact, irritation or injury is recommended. Depending on conditions of use, a face shield may be necessary. A NIOSH certified respirator with a filter may be used under conditions where airborne concentrations are expected to be excessive. Protection provided by air purifying respirators is limited. Use a positive pressure air supplied respirator if there is potential for uncontrolled release, exposure levels are not known or any other circumstances where air-purifying respirators may not provide adequate protection.

Methods for Containment and Cleaning Up: For small releases of this product, wear latex or nitrile gloves and safety glasses. For large or uncontrolled releases, stay away from spill. Isolate immediate hazard area and keep unauthorized personnel out. Contain spill if it can be done with minimal risk. Wear appropriate protective equipment. Prevent spilled material from entering artificial and natural waterways. Immediate cleanup of any spill is recommended.

SECTION 7. HANDLING AND STORAGE

Precautions for Safe Handling and Conditions for Safe Storage: Store in refrigerator at temperature 2-8°C. Protect from light and freezing.



SECTION 8. EXPOSURE CONTROLS/PERSONAL PROTECTION

Control Parameters

Chemical Name	ACGIH® TLV®		OSHA PEL	
	TWA	STEL	TWA	STEL
Cisatracurum Besylate	50mcg/m ³	170 mcg/m ³		
Benzyl Alcohol	N/A	N/A		

Notes

Appropriate Engineering Controls: Local exhaust or general ventilation is recommended.

Individual Protection Measures

Eye/Face Protection: Approved eye protection to safeguard against potential eye contact, irritation or injury is recommended. Depending on conditions of use, a face shield may be necessary.

Skin Protection: Use latex, nitrile, or rubber gloves. Wear lab coat, gown, or smock as appropriate for procedure

Respiratory Protection: A NIOSH certified respirator with a filter may be used under conditions where airborne concentrations are expected to be excessive. Protection provided by air purifying respirators is limited. Use a positive pressure air supplied respirator if there is potential for uncontrolled release, exposure levels are not known or any other circumstances where air-purifying respirators may not provide adequate protection.

SECTION 9. PHYSICAL AND CHEMICAL PROPERTIES

Appearance: Clear, colorless non-viscous liquid.

Odour: Odorless to almost odorless.

Odour Threshold: N/A

pH: 3.0 – 3.8

Melting Point and Freezing Point: N/A

Initial Boiling Point and Boiling Range: Water (approx.).

Flash Point: N/A

Evaporation Rate: Water (approx.).

Flammability (solid, gas): N/A

Upper and Lower Flammability or Explosive Limit: N/A

Vapour Pressure: N/A

Vapour Density (air = 1): Water (approx.).

Relative Density (water = 1): Approx. 1

Solubility in Water: Completely.

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.

Possibility of Hazardous Reactions: Will not occur.

Conditions to Avoid: Avoid heat, light and freezing. Keep away from flames, thermally decomposes to form toxic vapors.

Incompatible Materials: Contact with acids liberates very toxic gas.

Hazardous Decomposition Products: Heat may cause product to decompose, destroying the product or producing toxic fumes (e.g., hydrogen chloride or nitrogen oxides).

SECTION 11. TOXICOLOGICAL INFORMATION

Likely Routes of Exposure

Inhalation Skin contact Eye contact Ingestion

Acute Toxicity

LD50 (oral): Rat 50-500 mg/kg.

LD50 (IV): Rat ± 131 mg/kg.

Notes

Skin Corrosion / Irritation: Contact may cause mild irritation. Itching and burning sensation of the skin.

Serious Eye Damage / Irritation: Contact may cause mild irritation. Effects may include stinging, watering, and redness of the eyes and redness.

STOT (Specific Target Organ Toxicity) - Single Exposure

Ingestion: Not an anticipated route of occupational exposure. However, the active ingredient is moderately toxic to toxic based on animal data.

STOT (Specific Target Organ Toxicity) - Repeated Exposure

Respiratory: Inhalation of significant amounts of the product is not anticipated to occur because of the small size of individual containers.

Carcinogenicity: Not carcinogenic in animal study

Chemical Name	IARC	ACGIH®	OSHA
Cisatracurium Besylate	N/A	N/A	N/A
Benzyl Alcohol	N/A	N/A	N/A

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: Refer to local, provincial and federal rules.

SECTION 14. TRANSPORT INFORMATION

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

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

18-12-2020

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