

ROCURONIUM BROMIDE INJECTION

CODE: L0010150 (5 mL) & L0010149 (10 mL)

DIN: 02382415

1 – IDENTIFICATION

Manufactured by: Omega Laboratories, Ltd.
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2 – INGREDIENT

Hazardous Ingredients	CAS #	PEL	TLV	%
Rocuronium Bromide	119302-91-9	N/A	N/A	1
Sodium Acetate	6131-90-4	N/A	N/A	0.2
Other Ingredients				
Sodium Chloride	7647-14-5	N/A	N/A	0.33
Sodium Hydroxide	1310-73-2	N/A	N/A	N/A
Acetic Acid	64-19-7	N/A	N/A	N/A
Water for injection	7732-18-5	N/A	N/A	q.s.

3 - PHYSICAL DATA

Boiling Point: ~ Water
Specific Gravity: ~ 1
Vapor Pressure (mm Hg/20°C): N/A
Vapor Density (air = 1): ~ Water
Evaporation Rate: ~ Water
Solubility in Water: Completely
pH: 3.5 – 4.5

APPEARANCE

Visual: Clear, colorless non-viscous liquid.
Odor: Odorless to almost odorless.

4 - FIRE AND EXPLOSION HAZARD DATA

Flash Point (and method): N/A
Flammability: N/A
Conditions of flammability: N/A
Flammable Limits: N/A
Auto-ignition temperature: N/A
Extinguishing Media: Water spray, foam, dry chemical, carbon dioxide or halon.
Special Fire Fighting Procedures: When the potential chemical hazard is unknown, in enclosed or confined spaces, a self-contained 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.

EXPLOSION DATA

Sensitivity to static discharge: None.
Explosive power: None.

5 - REACTIVITY DATA

Stability: Stable.
Incompatibility (material to avoid): Contact with acids liberates very toxic gas.
Conditions to Avoid: Avoid heat, light and freezing. Keep away from flames, thermally decomposes to form toxic vapors.
Hazardous decomposition products: Heat may cause product to decompose, destroying the product or producing toxic fumes (e.g., hydrogen chloride or nitrogen oxides).
Hazardous Polymerization: Will not occur.

6 - HEALTH HAZARD ASSESSMENT

Routes of Entry: Skin or eyes; inhalation of aerosols or accidentally ingested.
Skin and Eyes: Contact may cause mild irritation. Effects may include stinging, watering, and redness of the eyes and redness, itching and burning sensation of the skin.
Inhalation: Inhalation of significant amounts of the product is not anticipated to occur because of the small size of individual containers.
Ingestion: Ingestion is not an anticipated route of occupational exposure. However, the active ingredient is considered to be moderately toxic to toxic based on animal data.

7 - EMERGENCY PROCEDURES

Skin: 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.
Eyes: 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.
Inhalation: If respiratory symptoms develop, move victim away from source of exposure and into fresh air. If symptoms 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.
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 DO NOT give anything by mouth. If not vomiting and professional advice is not available, DO NOT induce vomiting. If possible, do not leave victim unattended and observe closely for adequacy of breathing.

8 - TOXICOLOGIC INFORMATION

Oral LD₅₀(rat): 200–2000 mg/kg IV LD₅₀ (rat): ≈ 0.3 mg/kg

9 - PRECAUTIONS INFORMATION

Steps to be taken in case material is released or spilled: 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.
Waste Disposal Method: Refer to local, provincial and federal rules.
Precautions to be taken in Handling and Storing: Store in refrigerator at temperature 2-8°C. Protect from light and freezing.
Work and Hygiene Practices: As with all chemicals, avoid getting this product ON YOU or IN YOU. Do not eat, drink, smoke or apply cosmetics while handling the product. Wash hands thoroughly after handling.

10 - CONTROL MEASURES

Respiratory Protection (Specify Type): 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.
Local Exhaust: Local exhaust or general ventilation is recommended.
Skin Protective: Use latex, nitrile, or rubber gloves. Wear lab coat, gown, or smock, as appropriate for procedure.
Eye 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.

11 - TRANSPORTATION INFORMATION

Not DOT Regulated.