

CARBOPLATIN INJECTION

CODE: 5-mL (L0010156), 15-mL (L0010157), 45-mL (L0010158) & 60-mL (L0010159)
DIN: 02366053

1 - IDENTIFICATION

Manufactured by: Omega Laboratories, Ltd.
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Montreal, Canada
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Date Prepared: 2016-03-21

2 - INGREDIENT

Hazardous Ingredients	CAS #	PEL	TLV	%
Carboplatin	41575-94-4	0.002 mg/m ³	0.002 mg/m ³	1%

Other Ingredients

Water for Injection	7732-18-5	N/A	N/A	Q.S.
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3 - PHYSICAL DATA

Boiling Point: N/A
Melting point: 0°C
Specific Gravity: N/A
Vapor Pressure (mm Hg/20°C): N/A
Vapor Density (air = 1): N/A
Evaporation Rate: N/A
pH: 5 - 7 (1% solution)
Appearance: Clear colorless solution, free of visible particles.

4 - FIRE AND EXPLOSION HAZARD DATA

Flash Point (and method): Non-flammable.
Flammability: N/A
Conditions of flammability: N/A
Flammable Limits: N/A
Auto-ignition temperature: N/A
Extinguishing Media: Use extinguishing agent suitable for type of surrounding fire.
Sensitivity to static discharge and Explosive power: None.

5 - REACTIVITY DATA

Stability: Stable under normal conditions of storage and handling.
Incompatibility (material to avoid): Contact with aluminum may lead to the formation of a platinum precipitate.
Conditions to Avoid: Protect from light and freezing.
Hazardous decomposition products: Carbon and Nitrogen oxides and platinum-containing compounds with possible carcinogenic potential.
Hazardous Polymerization: Will not occur.

6 - HEALTH HAZARD ASSESSMENT

Skin & Eyes: Contact may cause irritation, eye effects may include stinging, watering, redness, swelling and burning sensation.
Inhalation: Not anticipated in normal conditions.
Ingestion: Toxic if swallowed.
Signs and Symptoms of Exposure: Toxic. May damage to the kidneys, bone marrow, blood, liver, nervous and gastrointestinal systems.

7 - EMERGENCY PROCEDURES

Skin: Remove contaminated clothing and cleanse affected area(s) thoroughly by washing with mild soap and water. Seek medical attention if irritation or redness develops and persists.
Eyes: If irritation or redness develops, move victim away from exposure and into fresh air. Flush eyes with clean water and 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 - TOXICOLOGICAL INFORMATION

Oral LD ₅₀ (rat) = 343 mg/kg	IV LD ₅₀ (rat) = 61 mg/kg
IP LD ₅₀ (mouse) = 150 mg/kg	IV LD ₅₀ (mouse) = 89.36 mg/kg
SC LD ₅₀ (rat) = 72 mg/kg	IV LD ₅₀ (dog) = 31.2 mg/kg

9 - PRECAUTIONS INFORMATION

CARBOPLATIN IS A CYTOTOXIC AGENT. REDUCE HUMAN EXPOSURE TO THE LOWEST LEVEL.
Steps to be taken in case material is released or spilled: For small releases, absorb spilled liquid and rinse area thoroughly with soap and water. 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. Prevent spilled material from any waterway. Dike far ahead of spill for later recovery or disposal. Spilled material may be absorbed into an appropriate absorbent material. Notify appropriate federal, provincial, and local agencies.
Waste Disposal Method: Consult federal, provincial and local regulations.
Precautions to be taken in Handling and Storing: Keep away from sources of ignition and any incompatible materials or conditions (see Section 5). Store at 15-25°C. Protect from light and freezing.

10 - CONTROL MEASURES

Respiratory Protection (Specify Type): If likely, an approved air-purifying respirator with a HEPA cartridge.
VENTILATION: When handling the dry powder, local exhaust ventilation is recommended to minimize exposure. The use of an approved ventilated cabinet designed to minimize airborne exposures, is recommended.
Protective Gloves: Latex or nitrile gloves.
Eye Protection: goggles.
Other Protective Clothing or Equipment: lab coat.

11 - TRANSPORT INFORMATION

Not DOT regulated.