



MATERIAL SAFETY DATA SHEET

CALCIJECT®

(Calcium Chloride for Injection USP)

CODE: L0010058 (10-mL) & L0010059 (50-mL)
DIN:00821780**1 – IDENTIFICATION**

Manufactured by: Omega Laboratories, Ltd.
Address: 11177 Hamon st.
Montreal, Canada
H3M 3E4
Telephone: (514) 335-0310
Fax: (514) 339-1407
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2 – INGREDIENT

Hazardous Ingredients	CAS #	PEL	TLV	%
Calcium Chloride	10043-52-4	N/A	N/A	10
Other Ingredients				
Water for Injection	7732-18-5	N/A	N/A	q.s.

3 - PHYSICAL DATA

Boiling Point: ~ Water
Melting Point: ~ Water
Specific Gravity: N/A
Vapor Pressure (mm Hg/20°C): N/A
Vapor Density (air = 1): N/A
Evaporation Rate: N/A
Solubility: Water, alcohol.
pH: 5.5 - 7.5
Appearance: Clear, colorless and odorless liquid.

4 - FIRE AND EXPLOSION HAZARD DATA

Flash Point (method): N/A
Flammability: Non-flammable
Flammable Conditions: None
Auto-ignition Temperature: N/A
Extinguishing Media: Use extinguishing media appropriate for the underlying cause of fire.
Special Fire Fighting Procedures : No special provisions required beyond normal fire fighting equipment.

EXPLOSION DATA

Sensitivity to static discharge: N/A
Explosive power: N/A

5 - REACTIVITY DATA

Chemical Stability: Stable under standard use and storage conditions.
Incompatibilities: Methyl vinyl ether, zinc.
Hazardous Decomposition Products: Toxic fumes of chlorine.
Hazardous Polymerization: None

6 - HEALTH HAZARD ASSESSMENT

Skin: Irritant.
Eyes: N/A
Inhalation: Unlikely.
Ingestion: Gastrointestinal upset and constipation.
Signs and Symptoms of Exposure: Direct contact with skin may cause severe irritation.

7 - EMERGENCY PROCEDURES

Eye Contact: Remove from source of exposure. Flush with copious amounts of water. If irritation persists or signs of toxicity occur, seek medical attention. Provide symptomatic/supportive care as necessary.
Skin Contact: Remove from source of exposure. Flush with copious amounts of water. If irritation persists or signs of toxicity occur, seek medical attention. Provide symptomatic/supportive care as necessary.
Inhalation: Remove from source of exposure. If signs of toxicity occur, seek medical attention. Provide symptomatic / supportive care as necessary.
Ingestion: Remove from source of exposure. If signs of toxicity occur, seek medical attention. Provide symptomatic / supportive care as necessary.

8 - TOXICOLOGICAL INFORMATION

LD₅₀ oral, rats, mice, rabbits: 1000-1940 mg/kg
LD₅₀ skin, rabbits: > 5000 mg/kg.
Mutagenicity: Not Determined
Target Organ Effects: In clinical use target organ effects include the cardiovascular system.

9 - PRECAUTION INFORMATION

Accidental Spill: Absorb liquid with suitable material and clean affected area with soap and water.
Waste and Container Disposal: Disposal should be performed in accordance with the federal, state or local regulatory requirements.
Storage: No special storage required for hazard control. For product protection store at controlled room temperature of 15-30°C.
Special Precautions: Protect from freezing and extreme heat.

10 - CONTROL MEASURES

Respiratory Protection Respiratory protection is not needed during normal product use.
Skin Protection If solution contact with unprotected skin is likely, use of impervious gloves is a prudent practice.
Eye Protection Eye protection is not required during expected product use conditions but may be warranted should a splash potential exist.

11 - TRANSPORT INFORMATION

Not regulated.