



Safety Data Sheet

Product Identifier

SECTION 1. IDENTIFICATION

Product Identifier: Calciject®, Calcium Chloride for injection USP

Other Means of Identification: Code: L0010058 (10mL) and L0010059 (50mL) DIN: 00821780

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
Calcium Chloride	10043-52-4	10%	N/A	N/A
Water for injection	7732-18-5	q.s.	N/A	N/A

Notes

SECTION 4. FIRST-AID MEASURES

Inhalation: Remove from source of exposure. If 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.

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.

Ingestion: Remove from source of exposure. If signs of toxicity occur, seek medical attention. Provide symptomatic / supportive care as necessary.

Most Important Symptoms and Effects, Acute and Delayed: Direct contact with skin may cause severe irritation.



Immediate Medical Attention and Special Treatment: N/A

SECTION 5. FIRE-FIGHTING MEASURES

Extinguishing Media

Suitable Extinguishing Media: Use extinguishing media appropriate for the underlying cause of fire.

Unsuitable Extinguishing Media: N/A

Specific Hazards Arising from the Product: N/A

Special Protective Equipment and Precautions for Fire-Fighters: No special provisions required beyond normal fire fighting equipment.

SECTION 6. ACCIDENTAL RELEASE MEASURES

Personal Precautions, Protective Equipment, and Emergency Procedures: If solution contact with unprotected skin is likely, use of impervious gloves is a prudent practice same goes for the eye protection.

Methods for Containment and Cleaning Up: Absorb liquid with suitable material and clean affected area with soap and water.

SECTION 7. HANDLING AND STORAGE

Precautions for Safe Handling and Conditions for Safe Storage: No special storage required for hazard control. For product protection store at controlled room temperature of 15-30°C. Protect from freezing and extreme heat.

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: N/A

Individual Protection Measures

Eye/Face Protection: Eye protection is not required during expected product use conditions but may be warranted should a splash potential exist.

Skin Protection: If solution contact with unprotected skin is likely, use of impervious gloves is a prudent practice.

Respiratory Protection: Respiratory protection is not needed during normal product use.



SECTION 9. PHYSICAL AND CHEMICAL PROPERTIES

Appearance: Clear colorless.

Odour: Odorless liquid.

Odour Threshold: N/A

pH: 5.5-7.5

Melting Point and Freezing Point: Close from water point.

Initial Boiling Point and Boiling Range: Close from water boiling point.

Flash Point: N/A

Evaporation Rate: N/A

Flammability (solid, gas): Not flammable.

Upper and Lower Flammability or Explosive Limit: N/A

Vapour Pressure: N/A

Vapour Density (air = 1): N/A

Relative Density (water = 1): N/A

Solubility in Water: Yes.

Solubility in Other Liquids: In alcohol.

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: Stable under standard use and storage conditions.

Possibility of Hazardous Reactions: N/A

Conditions to Avoid: N/A

Incompatible Materials: Methyl vinyl ether, zinc.

Hazardous Decomposition Products: Toxic fumes of chlorine.

SECTION 11. TOXICOLOGICAL INFORMATION

Likely Routes of Exposure

Inhalation Skin contact Eye contact Ingestion

Acute Toxicity

LD50 (oral): Rats, mice and rabbits, 1000-1940 mg/kg

LD50 (dermal): Rabbits, 5000 mg/kg

Notes: In clinical use target organ effects include the cardiovascular system.

Skin Corrosion / Irritation: Irritant.



Serious Eye Damage / Irritation: N/A
STOT (Specific Target Organ Toxicity) - Single Exposure
Ingestion Hazard: Gastrointestinal upset and constipation.
STOT (Specific Target Organ Toxicity) - Repeated Exposure
Respiratory and/or Skin Sensitization: Unlikely.

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: Not determined
Interactive Effects: N/A

SECTION 12. ECOLOGICAL INFORMATION

Ecotoxicity: N/A
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: Disposable should be performed in accordance with federal, state or local regulatory requirements.

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

SECTION 15. REGULATORY INFORMATION

Safety, Health and Environmental Regulations: N/A

SECTION 16. OTHER INFORMATION

Date of Latest Revision:

12-06-2019

WHMIS 2015 Template Provided by CCOHS, 2015