Safety Data Sheet

Product Identifier

SECTION 1. IDENTIFICATION

Product Identifier: Potassium Chloride concentrate Injection.
Other Means of Identification: Code L0010010 (10mL), L0010011 (20mL), DIN 00402206.
Code L0010147 (100-mL), DIN 02480034.
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
Potassium Chloride	7447-40-7	14.9%	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**.**
Skin Contact: Remove from source of exposure. Flush with copious amount of water. If irritation persists or sign of toxicity occur, seek medical attention.
Eye Contact: Remove from source of exposure. Flush with copious amount of water. If irritation persists or sign of toxicity occur, seek medical attention.
Ingestion: Remove from source of exposure. If signs of toxicity occur, seek medical attention
Most Important Symptoms and Effects, Acute and Delayed: N/A
Immediate Medical Attention and Special Treatment: No know antidote. Treatment for hyperkalemia includes elimination of potassium intake, intravenous dextrose with symptomatic/supportive care as necessary. Target organs include the blood, heart, cardiovascular system, gastrointestinal tract (if ingested) and possibly

eyes.

SECTION 5. FIRE-FIGHTING MEASURES

Extinguishing Media
Suitable Extinguishing Media: Use media appropriate for primary cause of fire.
Unsuitable Extinguishing Media: N/A
Specific Hazards Arising from the Product: N/A
Special Protective Equipment and Precautions for Fire-Fighters: Wear protective clothing and self-contained breathing apparatus.

SECTION 6. ACCIDENTAL RELEASE MEASURES

Personal Precautions, Protective Equipment, and Emergency Procedures: If skin and eye contact are likely, impervious gloves and eye protection are recommended.
Methods for Containment and Cleaning Up: Absorb with suitable material, flush with water**.**

SECTION 7. HANDLING AND STORAGE

Precautions for Safe Handling and Conditions for Safe Storage: Store at controlled room temperature of 15-30ºC. Avoid excessive heat and protect from freezing.

SECTION 8. EXPOSURE CONTROLS/PERSONAL PROTECTION

Control Parameters

Chemical Name	**ACGIH® TLV®**		**OSHA PEL**	
N/A	**TWA**	**STEL**	**TWA**	**STEL**
N/A				
N/A				

Notes

Appropriate Engineering Controls: No special provisions are required under normal use conditions**.**
Individual Protection Measures
Eye/Face Protection: Eye protection is not required during typical product use conditions. Eye protection is recommended if contact is likely**.**
Skin Protection: If skin contact is likely, impervious gloves are recommended**.**
Respiratory Protection: Respiratory protection is not needed during normal product use**.**

SECTION 9. PHYSICAL AND CHEMICAL PROPERTIES

Appearance: Clear transparent aqueous and colorless liquid**.**
Odour: Odorless.

Odour Threshold: N/A
pH: 3.5 – 8.0
Melting Point and Freezing Point: N/A
Initial Boiling Point and Boiling Range: N/A
Flash Point: Non-Flammable**.**
Evaporation Rate: N/A
Flammability (solid, gas): None.
Upper and Lower Flammability or Explosive Limit: N/A
Vapour Pressure: N/A
Vapour Density (air = 1): N/A
Relative Density (water = 1): Water approx.
Solubility in Water: Aqueous solution.
Solubility in Other Liquids: Slightly soluble in alcohol.
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: N/A
Incompatible Materials: Violent reaction BrF_3 (H_2SO_4 and $KMnO_4$).
Hazardous Decomposition Products: When heated to decomposition, it emits toxic fumes of Chlorine**.**

SECTION 11. TOXICOLOGICAL INFORMATION

Likely Routes of Exposure

x Inhalation **x** Skin contact **x** Eye contact **x** Ingestion

Acute Toxicity
LD50: Rat, mince and guinea pig 1500-2600 mg/kg.
Notes

Skin Corrosion / Irritation: Unlikely
Serious Eye Damage / Irritation: N/A
STOT (Specific Target Organ Toxicity) - Single Exposure
Aspiration Hazard: Unlikely
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: 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: Dispose of waste in accordance with local, state and federal regulations.

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

22-02-2023

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