

MATERIAL SAFETY DATA SHEETS

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SECTION I - PRODUCT IDENTIFICATION

Product Name: Oxygen Probe Electrolyte Solution
Chemical Name: Potassium Chloride, aqueous solution
Formula: KCl and AgCl
Formula Weight: 74.55 and 143.34
CAS. Number: 7447-40-7 and 7783-90-6
Chemical Family: Inorganic Salt

SECTION II - INGREDIENTS

Potassium Chloride		
PCT: < 10 %	Cas No.: 7447-40-7	SARA: NA
TLV: Not established		PEL: Not established
Hazard: NA		
Silver Chloride		
PCT: < 0.03 %	Cas No.: 7783-90-6	SARA: NA
TLV: Not established		PEL: Not established
Hazard: NA		
Water		
PCT: < 100 %	Cas No.: NA	SARA: NA
TLV: Not established		PEL: Not established
Hazard: NA		

SECTION III - PHYSICAL DATA

State: Liquid	Appearance: Clear and colorless
Odor: None	Solubility: Water: NA
Other: NA	Acid: NA
Boiling Point: > 100 C	Vapor Pressure (mm Hg): NA
Melting Point: NA	Vapor Density (air = 1): NA
Specific Gravity: 1.04	Evaporation Rate: NA
pH: NA	
Storage Precautions: None	

* NA/ND - Defined as not applicable or not defined.

SECTION IV - FIRE AND EXPLOSION HAZARD DATA

Flash Point: NA
NFPA Codes: Health: 0 Flammability: 0 Reactivity: 1
Toxic Gases Produced: None
Fire Extinguishing Media: NA

SECTION V - HEALTH HAZARD DATA

Threshold Limit Value (TLV/TWA): NA
Toxicity: LD50 (oral-rat): 3020 mg/kg as 100%

This product : Irritating to eyes. Ingestion in large volume may cause G.I. irritation, cardiac arrhythmia, nausea, and vomiting.

Acute Toxicity: NA

Route of Exposure: NA

Target Organs: NA

Chronic Toxicity: ND

Routes of Exposure: NA

Target Organs: ND

Cancer Information: NA

Routes of Exposure: NA

Target Organs: NA

Overexposure: Irritating to eyes. Ingestion in large volume may cause G.I. irritation, cardiac arrhythmia, nausea, and vomiting.

Medical conditions aggravated by exposure. None reported.

SECTION VI - PRECAUTIONARY MEASURES

Avoid contact with eyes.

Wash thoroughly after handling.

Protective equipment: Rubber gloves and safety glasses.

SECTION VII - FIRST AID

CALL FOR MEDICAL ASSISTANCE IMMEDIATELY.

If eye contact: Flush with plenty of for at least 15 minutes. Get medical help.

If skin contact: NA

Ingestion: Induce vomiting. Contact medical assistance.

Inhalation: NA

SECTION VIII - REACTIVITY DATA

Stability: Stable

Hazardous Polymeration: None

Conditions to Avoid: None

Incompatibles: None

Decomposition of Products: None

SECTION IX - SPILL AND DISPOSAL PROCEDURES

In Case of Spill or Release: Wear rubber gloves, pick up spill with sponge.

Disposal Procedure: Dispose of in accordance with all federal, state, and local regulations.

SECTION X - TRANSPORTATION DATA

Proper Shipping Name: NA

Hazard Class: NA

ID: NA

GROUP: NA

SECTION XI - REFERENCES

- 1) TLV's Threshold Limit Values and Biological Exposure Indices for 1988-1989. American Conference of Governmental Industrial Hygienists, 1988.
- 2) Air contaminants, Federal Register, Vol. 54, No. 12, Thursday, January 19, 1989. pp2332-2983.
- 3) Outside testing
- 4) In-house information
- 5) Technical judgment

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