

Cynmar Corporation
21709 State Route 4 North, Carlinville, IL 62626 (800) 223-3517
Emergency Telephone No.: 800-535-5053

Section 1 – Chemical Product and Company Identification

Catalog Numbers: CYMPC4000-A, CYMPC4000-B, CYMPC4000-C, CYMPC4000-D, CYMPC4000-P, CYMPC4000-Q, CYMPC4000-G, CYMPC4000-T, CYMPC4001
Product Identity: Potassium Chloride, Saturated 4M & Potassium Chloride, Saturated 4M w/ Ag

Manufacturer's Name: AquaPhoenix Scientific, Inc., 9 Barnhart Dr., Hanover, PA 17331
Emergency Contact Number (24hr): InfoTrac (800) 535-5053

Section 2 – Composition, Information on Ingredients

Potassium Chloride, CAS# 7447-40-7, 30% w/v, ACGIH TLV: NA, OSHA PEL: NA
Water, purified, CAS# 7732-18-5, 70% w/v, ACGIH TLV: NA, OSHA PEL: NA

Section 3 – Hazard Identification

Emergency Overview: May cause irritation to the eyes and skin. Wash areas of contact. Get medical attention if irritation develops.

Target Organs: Eyes, and skin,

Potential Health Effects

Eyes: May cause irritation, redness, pain, tearing

Skin: May cause irritation, redness, pain

Ingestion: May cause upset stomach

Inhalation: Not likely to be a hazard by inhalation

Chronic Effect / Carcinogenicity: None (IARC, NTP, OSHA)

Section 4 – First Aid

Eyes: Immediately flush eyes with water for at least 15 minutes. Immediately get medical assistance.

Skin: Flush with water for 15 minutes. Get medical assistance if irritation develops.

Ingestion: Dilute with water or milk. Get medical assistance.

Inhalation: Remove to fresh air. Give artificial respiration if necessary. If breathing is difficult, give oxygen.

Section 5 – Fire Fighting Measures

Flash Point: NA

Extinguishing Media: Any means suitable for extinguishing fire.

Fire & Explosion Hazards: Not considered to be a fire or explosion hazard.

Fire Fighting Instructions / Equipment: Use normal procedures. Use protective clothing. Use NIOSH-approved breathing equipment.

NFPA Rating: (estimated) Health: 1; Flammable: 0; Reactivity: 0

Section 6 – Accidental Release Measures

Flush to sewer or absorb with suitable material and treat as normal refuse. Always obey local regulations.

Section 7 – Handling and Storage

Handling: Wash hands after handling. Avoid contact with skin and eyes.

Storage: Protect from freezing and physical damage.

Section 8 – Exposure Controls, Personal Protection

Engineering Controls: Normal ventilation is adequate.

Respiratory Controls: Normal ventilation is adequate.

Skin Protection: Chemical resistant gloves.

Eye Protection: Safety Glasses or goggles.

Section 9 – Physical and Chemical Properties

Appearance: Clear, colorless liquid with possible precipitate

pH: NA

Boiling Point: Approx 100

Melting Point: Approx 0

Odor: Odorless

Solubility in Water: Infinite

Specific Gravity: NA

Vapor Pressure: NA

Section 10 – Stability and Reactivity

Chemical Stability: Stable under normal conditions of use and storage.

Incompatibility: Bromine trifluoride and potassium permanganate with sulfuric acid

Hazardous Decomposition Products: Oxides of potassium

Hazardous Polymerization: Does not occur

Section 11 – Toxicological Information

LD50 orl-rat: 2600 mg/kg (Potassium Chloride)

LC50 inhalation-rat: NA

Section 12 – Ecological Information

Ecotoxicity: NA

Section 13 – Disposal Considerations

Dilute with water and release to drain.

All chemical waster generators must determine whether a discarded chemical is classified as hazardous waste.

Comply with all local, state, and federal regulations.

Section 14 – Transport Information

DOT - Not Regulated

Section 15 – Regulatory Information (not meant to be all inclusive)

OSHA Status: These chemicals are not considered highly hazardous by OSHA.

TSCA: The components of this solution are listed on the TSCA Inventory

SARA Title III Section 313: Not Applicable

RCRA Status: Not Applicable

CERCLA Reportable Quantity: NA

WHMIS: NA

Section 16 – Additional Information

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