

MATERIAL SAFETY DATA SHEET

Target 1000ppm

Future Harvest Development

725 Evans Court

Kelowna BC

V1X 6T4

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GENERAL INFORMATION

PRODUCT NAME: 1000 ppm Potassium Standard

CHEMICAL NAME: Potassium Chloride in Water

CHEMICAL FAMILY: Salt Solution

Eutech SAF-T-Data System: Health = 0, Flammability = 0, Reactivity = 0 , Contact = 0

INGREDIENTS

CAS NO: 7447-40-7

% of KCL: < 1.0 %

% of water: > 99.0%

OSHA/PEL: none

ACGIH/TLV: none

LD50(mg/kg) oral-rat of KCL 2500

PHYSICAL DATA

Appearance & Odor: Liquid, Pink & Odorless

Physical State: Liquid

Boiling Point: 100°C

Vapour Pressure (mmHg): NA

Freezing Point: NA

Vapour Density: NA

Specific Gravity: 1.1

Solubility: NA

pH: 7.0

FIRE AND EXPLOSION HAZARD DATA

Flash Point: Not Flammable

Auto ignition Temperature: NA

Fire Extinguishing Media: Acid waste. Use extinguishing media appropriate for surrounding fire

Special Fire-fighting procedures: Firefighters should wear proper protective equipment and self-contained breathing apparatus with full face-piece operated in positive pressure mode

Unusual Fire and Explosion Hazards: NA

HEALTH HAZARD DATA

Effects of Overexposure:

Emergency and First Aid : Wash off affected area with water or induce vomiting if ingested.

Eyes & Skin Wash off with large amounts of water for 15 minutes.

Ingestion/Inhalation: Ingestion of large quantities may cause gastro-intestinal irritation, nausea, vomiting, and diarrhea.

REACTIVITY DATA

Stability: Stable

Condition to avoid: Humidity

Incompatibles: NA

Decomposition products: Nil

Hazardous polymerization: Will not occur

SPILL AND DISPOSAL PROCEDURES

Steps to be taken in the events of a spill or discharge: Wash away with water

Disposal procedure: Dispose in accordance with all applicable federal, state and local environmental regulations

Ventilation: None

Respiratory protection: None

Eye/Skin protection: Nil

STORAGE AND HANDLING PRECAUTIONS

SAF-T-Data*Storage color code: Orange

Storage requirements: Keep container tightly closed. Keep in cool dark area away from light

TRANSPORTATION DATA AND ADDITIONAL INFORMATION**Domestic (D.O.T.)**

Proper shipping name: N/A (Not Regulated for Shipping)

International (I.M.O.)

Proper shipping name: N/A (Not Regulated for Shipping)

Marine pollutants: Acid

Air (I.C.A.O.)

Proper shipping name: N/A (Not Regulated for Shipping)