

# *Bacto Laboratories Pty Ltd.*

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## **SAFETY DATA SHEET**

### **pH Electrode Storage Solution KCL 3mol/l**

**Classified as Non Hazardous according to criteria of Worksafe Australia**

#### **1. Identification of the substance / preparation and the company /undertaking**

Use of the substance/

Preparation Solution for pH electrode protection

Chemical characterization Aqueous solution containing inorganic components.

Product Code 1010

#### **2. Composition / information on ingredients**

Hazardous components The product contains no substances classified as hazardous to health in concentrations which should be taken into account to EC directive.

Contains: Potassium chloride (CAS no7447-40-7) :<23%

#### **3. GHS Hazards identification**

3.1 GHS Classification

Not a hazardous substance or mixture.

3.2 GHS Label elements, including precautionary statements

Pictogram none

Signal word none

Hazard statement(s) none

Precautionary statement(s) none

Not a hazardous substance or mixture.

#### **4. First aid measures**

Inhalation Not hazardous by inhalation.

Skin contact Rinse with water.

Eye contact Immediately flush eye(s) with plenty of water.

Ingestion Rinse mouth.

#### **5. Fire-fighting measures**

Suitable extinguishing media No special measures required.

Specific hazards The product is not flammable.

#### **6. Accidental release measures**

Personal precautions No special measures required.

Environmental precautions No special environmental precautions required.

Methods for cleaning up Contaminated surfaces will be extremely slippery.

Clean up promptly by sweeping or vacuum.

#### **7. Handling and storage**

Handling No special precautions required.

Storage Keep out of reach of children. Store at room temperature in the original container.

#### **8. Exposure controls / personal protection**

Exposure limit(s) Not available.

Engineering measures to reduce exposure General industrial hygiene practice.

Personal protection equipment:

Respiratory protection No personal respiratory protective equipment normally required.

Eye protection Avoid contact with eyes.

## 9. Physical and chemical properties

Form Liquid.

Color Colorless. Clear.

Odor None.

Physical and chemical properties pH: ~6

Boiling point/range: ~212 °F (~100°C)

Relative density: ~1g/ml

Flash point: does not ignite

Water solubility: Completely miscible

## 10. Stability and reactivity

Stability No decomposition if stored and applied as directed.

Conditions to avoid Extremes of temperature and direct sunlight.

Hazardous decomposition

Products None reasonably foreseeable.

## 11. Toxicological information

Acute toxicity No data is available on the product itself.

Potassium chloride:

RTECS: TS8050000

LD50 /oral /rat: 2600 mg/ kg

LD50 /intravenous /rat: 142 mg/ kg

LD50 /oral/ mouse: 1500 mg/ kg

LD50 /intravenous/ mouse: 117 mg/ kg

Local effects No data is available on the product itself.

Long term toxicity None.

Further information The product contains no substances classified as hazardous to health in concentrations which should be taken into account according to EC directive.

## 12. Ecological information

Persistence / degradability Contains no substances known to be hazardous to the environment or not degradable in wastewater treatment plants.

## 13. Disposal consideration

Waste from residues / unused products Dispose of in accordance with local regulations. Contaminated packaging

Clean container with water. Empty containers should be taken to local recyclers for disposal.

## 14. Transport information

Further information Not classified as dangerous in the meaning of transport regulations.

## 15. Regulatory information

Regulatory information KCL 3M:

NFPA Ratings (Scale 0-4):

HEALTH=1

FLAMMABILITY=0

REACTIVITY=0

SPECIAL=0

HMIS Ratings (Scale: 0=Minimal 1=Slight 2=Moderate

3=Serious 4=Severe):

HEALTH=1

FLAMMABILITY=0

REACTIVITY=0

PROT.EQUIPMENT=A (Safety Glasses)

WHMIS:

no Hazard class

**Contact Point:** Chemist, Bacto Laboratories Pty Ltd, (02) 9823-9000.

***END OF MSDS***