

Version No: 6

Issue Date: November 2021

RE-ISSUED by Labco Scientific Pty Ltd

Product Name: Potassium Chloride 3 M

Classified as hazardous

## 1. IDENTIFICATION

### GHS Product Identifier

Potassium Chloride 3 M

### Product Code

KCL-3M

### Company Name

Labco Scientific Pty Ltd

### Address

PO Box 5816 Brendale

QLD 4500 Australia

### Telephone Number

1800 052 226

### Emergency Phone Number

13 11 26 from anywhere in Australia, (0800 764 766 in New Zealand)

### Recommended use of the chemical and restrictions on use

Analytical Reagent

### Other Names

Potassium Chloride 3 N

## 2. HAZARD IDENTIFICATION

### Hazard classification

Non Hazardous. Non Dangerous Goods.

Not considered a hazard according to the criteria of Safe Work Australia.

## 3. COMPOSITION/INFORMATION ON INGREDIENTS

### Ingredients

Chemical Entity	Cas No	Proportion
Potassium Chloride	7447-40-7	22%
Water	7732-18-5	to 100%

## 4. FIRST-AID MEASURES

Safety showers and eye wash facilities should be provided.

**Swallowed:** If conscious wash out mouth with water. Seek medical advice. Show this SDS to medical practitioner.

**Eye:** Immediately hold eyelids open and flood with water for at least 15 minutes. Obtain medical aid. Show this SDS to medical practitioner.

**Skin:** Remove contaminated clothing. Immediately wash skin thoroughly with water and mild soap. Seek medical advice if irritation persists. Show this SDS to medical practitioner. Launder clothing before reuse.

**Inhaled:** Remove from contaminated air. Maintain breathing with artificial respiration if necessary. Seek medical assistance. Show this SDS to a doctor.

## 5. FIRE-FIGHTING MEASURES

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### **Suitable Extinguishing Media**

Water spray. Carbon dioxide, dry chemical powder, or appropriate foam.

### **Hazards From Combustion Products**

Potassium chloride solution will not burn or support combustion.

### **Precautions For Fire Fighters and Special Protective Equipment**

Fire fighters and others who may be exposed to combustion products during fire should wear full protective clothing including positive pressure self-contained breathing apparatus (SCBA). Wear SCBA with full face-piece, operated in positive pressure mode when fighting fires.

## 6. ACCIDENTAL RELEASE MEASURES

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### **Emergency Procedures**

Prevent from entering waterways. Restrict access to area. Ventilate area. Remove chemicals that can react with the spilled material.

### **Method and materials for containment and clean up**

Use inert material such as sand or earth to contain spill or leak. Neutralise with sodium bicarbonate. Absorb spills with chemical absorber or vermiculite and dispose of in accordance with local regulations.

## 7. HANDLING AND STORAGE

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### **Precautions for Safe Handling**

Do not get in eyes, on skin, on clothing. Avoid prolonged or repeated exposure.

### **Conditions for Safe Storage**

Store sealed in original container in a cool well ventilated situation away from foods and other chemicals. Do not store in direct sunlight. Observe good hygiene and housekeeping practices.

## 8. EXPOSURE CONTROLS/PERSONAL PROTECTION

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### **National Exposure Standards**

Safe Work Australia - None known

### **Biological Limit Values**

No data available.

### **Engineering Controls**

Not required with normal use.

### **Personal Protective Equipment (PPE)**

The use of nitrile or neoprene gloves complying with AS 2161 and the use of face shield, chemical goggles or safety glasses with side shield protection complying with AS/NZS 1337 is recommended.

## 9. PHYSICAL AND CHEMICAL PROPERTIES

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**Appearance:** Clear liquid

**Odour:** Nil

**pH:** 7

**Boiling Point (oC):** 100

**Freezing/melting Point:** Not applicable

**Vapour Pressure (mm of Hg @ 25oC):** Not applicable

**Vapour Density:** Not applicable

**Specific Gravity:** 1.2

**Flash Point (oC):** Not flammable

**Flammability Limits (%):** Not flammable

**Solubility in Water (g/L):** Soluble

## 10. STABILITY AND REACTIVITY

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### **Chemical stability**

Stable.

### **Conditions to avoid**

Excessive heat.

### **Incompatible materials**

Nil

### **Hazardous decomposition products**

Refer to section 5 (Fire Fighting Measures)

### **Hazardous reactions**

Hazardous polymerization will not occur.

## 11. TOXOLOGICAL INFORMATION

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### **Health Effects**

**Swallowed:** May be irritating to tissue. Ingestion may cause vomiting, cramps, diarrhoea. Ingestion of large quantities may cause heart condition due to high potassium level.

**Eye:** Irritating to eye tissue.

**Skin:** May irritate skin tissue.

**Inhaled:** Inhalation of vapours may irritate nose and throat.

**Chronic Effects:** No data available

## 12. ECOLOGICAL INFORMATION

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### **Ecotoxicity**

No data available.

### **Persistence and degradability**

No data available.

### **Mobility**

No data available.

## 13. DISPOSAL CONSIDERATIONS

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### **Disposal Considerations**

Contact a licensed professional waste disposal service to dispose of this material. Observe all federal, state and local environmental regulations.

## 14. TRANSPORT INFORMATION

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### **UN Number**

Not applicable

### **UN Proper Shipping Name**

Not applicable

### **Class and subsidiary risk(s)**

Not applicable

### **Packing Group**

Not applicable

### **Hazchem Code**

Not applicable

### **Special precautions for user**

Nil

## 15. REGULATORY INFORMATION

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### **Regulatory Information**

Nil

## 16. OTHER INFORMATION

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**END OF SDS**