


# Camlab Limited – Material Safety Data Sheet

## 1. Identification

Product Code CC/2859-CA

Product Name **POTASSIUM CHLORIDE 4M (pH electrode filling soln)**

CAS Number 7447-40-7

Supplier: **CAMLAB LIMITED**  
  
**Norman Way Industrial Estate  
Over  
Cambridge  
England  
CB4 5WE**

Phone 01954 233110  
Fax 01954 233101

Emergency Telephone 08:00-17:00 01954 233110  
24hr 112  
(Have this document to hand)

## 2. Composition

No hazardous components

## 3. Hazards Identification

Not considered harmful

## 4. First Aid Measures

Eyes Irrigate thoroughly with plenty of water for at least 10 minutes, holding the eye open. If discomfort persists OBTAIN MEDICAL ATTENTION.

Skin Wash off skin thoroughly with water.

Inhalation Remove from exposure.

Ingestion Wash out the patients mouth thoroughly with water.

## 5. Fire Fighting Measures

Hazards Presents no specific fire danger.

Extinguishing Consider what other flammable materials are present and act accordingly.  
Media

Unsuitable Nothing specified.  
Media

## 6. Accidental Release Measures

Personal Presents no major hazards.  
Protection

Enviromental Presents no major environmental hazard.

Major Spillage Wash area down with copious amounts of water.

Minor Spillage Wash area down with copious amounts of water.

## 7. Storage & Handling

Handling Precautions No specific precautions.

## 8.1 Workplace Exposure Limits

No prescribed exposure limits available

## 8.2 Personal Protection

Respiratory Presents no significant inhalation health hazard.  
Hands Use nitrile gloves or PVC gauntlets.  
Eyes Use chemical splash proof glasses or goggles.  
Skin If skin contact or contamination of clothing is likely, protective clothing must be worn.

## 9. Physical & Chemical Properties

Appearance Clear colourless liquid.  
Odour No specific odour.  
pH 7 @ 20 °C  
Boiling point Aqueous solution  
Melting point Aqueous solution  
Flash point Not available  
Upper Flammable Limit Not available  
Lower Flammable Limit Not available  
Auto Ignition Not available  
Explosive properties No.  
Oxidising Properties No.  
Vapour Pressure Negligible  
Relative Density 1.1800 °C  
Water Solubility Completely soluble in water.

## 10. Stability & Reactivity

Chemical Stability Stable under normal conditions  
Conditions to Avoid No specific conditions.  
Materials to Avoid No specific materials to avoid.  
Hazardous None.  
Decomposition Products

## 11. Toxicological Information

Eyes The liquid may be mildly irritating to the eye.  
Skin Presents no significant hazard by skin contact.  
LD50 Skin Not available  
Ingest Presents no significant hazard by ingestion.  
LD50 Ingest Not available  
Inhalation Presents no significant health hazard by inhalation.  
Carcinogenicity Not considered to be a carcinogen.  
Mutagenicity Not considered to be a mutagen.  
Reproductive Effects None identified.

## 12. Ecological

No specific environmental hazard.

## 13. Disposal Considerations

Disposal Methods Flush to drain.

Contaminated Packaging Use a licensed waste disposer.

## 14. Transport Information

Proper Shipping Name	Non-restricted
UN Number	Non-restricted
UN Classification	None
Subsidiary Risk	None
Flash Point	Not available
Packing Group	None
Transport Category	None
Marine pollutant	No
ADR Hazard ID	Non-restricted

## 15. Regulatory Information

Labelling	None
Classification	

Label Symbols	None
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Risk & safety Phrases	None
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EEC Number	231-211-8
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## 16. Other Information

Document Information This document has been prepared in accordance with directive 88/379/EEC.

The information contained in this document only covers the hazards presented by this material, it DOES NOT constitute a workplace risk assessment.

Revision Date: 24/07/98.

Data reviewed and PDF file generated: 17/03/10.

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