

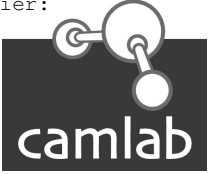
**1. Identification**

Product Code           **1111292**

Product Name           **POTASSIUM CHLORIDE A.R.**

Molecular Formula      **KCl =74.55**

CAS Number            **7447-40-7**

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

Unsuitable Media      Nothing specified.

**6. Accidental Release Measures**

Personal Protection   Presents no major hazards.

Environmental         Presents no major environmental hazard.

Major Spillage         Shovel/sweep up into container for removal Wash area down with copious amounts of water.

Minor Spillage         Wash area down with copious amounts of water.

## 7. Storage & Handling

|                      |   |
|----------------------|---|
| Handling Precautions | Avoid contact with skin and eyes. Do not breath dust. Do not allow to contaminate clothing.<br><br>Ensure Local Exhaust Ventilation maintains dust concentrations to a minimum. |
| Storage Conditions   | Well ventilated, cool, dry storage . Ensure storage conditions are very dry as material has a very high tendency to cake.   |

## 8.1 Workplace Exposure Limits

No prescribed exposure limits available

## 8.2 Personal Protection

|             |  |
|-------------|--|
| Respiratory | If process creates significant amounts of dust use L.E.V. or wear suitable dust mask.                              |
| Hands       | Wear gloves.   |
| Eyes        | Use chemical splash proof glasses or goggles.  |
| Skin        | Avoid contact with skin. If skin contact or contamination of clothing is likely, protective clothing must be worn. |

## 9. Physical & Chemical Properties

|                       |                    |
|-----------------------|--------------------|
| Appearance            | White powder.      |
| Odour                 | No specific odour. |
| pH                    | 7 @ 20 °C          |
| Boiling point         | 1500.0 °C          |
| Melting point         | 773.0 °C           |
| 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       | Not available      |
| Relative Density      | 1.9800 °C          |
| Water Solubility      | 36%                |

## 10. Stability & Reactivity

|                                  |  |
|----------------------------------|--|
| Chemical Stability               | Stable under normal conditions                     |
| Conditions to Avoid              | No specific conditions.                            |
| Materials to Avoid               | No specific conditions.                            |
| Hazardous Decomposition Products | May produce hazardous fumes if involved in a fire. |

## 11. Toxicological Information

|                      |   |
|----------------------|---|
| Eyes                 | Contact with the solid or dust may be irritating to the eyes.             |
| Skin                 | Presents no significant hazard by skin contact.                           |
| LD50 Skin            | Not available   |
| Ingest               | Ingestion of large amounts may cause violent abdominal pain and vomiting. |
| LD50 Ingest          | Oral rat 2430 mg/Kg   |
| 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 Do not dispose of as domestic waste.

Contaminated Packaging Wash out containers with water.

## 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 |
|---------------|------|

|                       |      |
|-----------------------|------|
| Risk & safety Phrases | None |
|-----------------------|------|

|            |           |
|------------|-----------|
| EEC Number | 231-211-8 |
|------------|-----------|

## 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.

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