

**1. Identification**

Product Code **CP6184-56**

Product Name **di-POTASSIUM HYDROGEN PHOSPHATE (V) ANHYDROUS**

Molecular Formula  $K_2HPO_4$  =174.18

CAS Number 7758-11-4

Supplier:  **BEECROFT & PARTNERS**  
Northfield Road  
Rotherham  
South Yorkshire

Phone 01709-377881  
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Emergency Telephone 08:30-1700 01709-377881  
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 Evacuate area immediately. Keep up wind. Avoid exposure to toxic vapours and fumes. Fire-fighters should wear protective clothing and breathing apparatus. May evolve toxic fumes if involved in a fire.

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.

Enviromental Presents no major environmental hazard.

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

## 6. Accidental Release Measures (continued)

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.

                                         Ensure Local Exhaust Ventilation maintains dust concentrations to a minimum.

Storage Conditions      Well ventilated, cool, dry storage .

## 8.1 Occupational 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      Odourless.

pH      9

Boiling point      Not available

Melting point      800.0 °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      Negligible

Relative Density      1.3000

Water Solubility      Very 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      May produce hazardous fumes if involved in a fire.

Decomposition Products

## 11. Toxicological Information

Eyes      Presents no significant health hazard to the eyes.

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.

## 11. Toxicological Information (continued)

|                      |                                 |
|----------------------|---------------------------------|
| 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 | Wash out containers with water. 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           |
| Marine pollutant     | No             |
| ADR Hazard ID        | Non-restricted |

## 15. Regulatory Information

|                       |           |
|-----------------------|-----------|
| Labelling             | None      |
| Classification        |           |
| Label Symbols         | None      |
| Risk & safety Phrases | None      |
| EEC Number            | 231-834-5 |

## 16. Other Information

|                      |                                                                                                                                                                                                                                                                                                                                                                                 |
|----------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Document Information | <p>This document has been prepared in accordance with directive 88/379/EEC.</p> <p>The information contained in this document only covers the hazards presented by this material, it DOES NOT constitute a workplace risk assessment.</p> <p>Revision Date: 10/05/99.</p> <p>Data reviewed and PDF file generated: 07/06/04.</p> <p>Copyright 2004 Beecroft &amp; Partners.</p> |
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