

# Camlab Limited – Material Safety Data Sheet

## 1. Identification

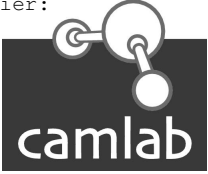
Product Code CC/1348-CO

Product Name **DIPOTASSIUM HYDROGEN ORTHOPHOSPHATE ANHYDROUS pure**

Molecular Formula  **$K_2HPO_4$  =174.18**

CAS Number 7758-11-4

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 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.

Environmental 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 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                      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 °C  
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  
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 231-834-5

## 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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