

Camlab Limited – Material Safety Data Sheet

1. Identification


Product Code CC/1348-CO

Product Name **di-POTASSIUM 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.

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 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.

Revision Date: 10/05/99.
Data reviewed and PDF file generated: 19/07/07.
Copyright 2007 Camlab Limited.