

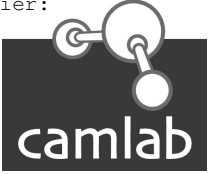
**1. Identification**

Product Code 1110642

Product Name di-SODIUM HYDROGEN ORTHOPHOSPHATE ANHYDROUS pure

Molecular Formula  $\text{Na}_2\text{HPO}_4$  =141.96

CAS Number 7558-79-4

Supplier:  **CAMLAB LIMITED**  
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(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 (1% soln @ 20 C )  
Boiling point             1500.0 °C  
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         8%

## 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	231-448-7

## 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: 19/05/95. Data reviewed and PDF file generated: 17/03/10. Copyright 2010 Camlab Limited.
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