

# Camlab Limited – Material Safety Data Sheet


## 1. Identification

Product Code CC/1221-DA

Product Name **MAGNESIUM SULPHATE DRIED**

Molecular Formula **MgSO<sub>4</sub>·H<sub>2</sub>O**

CAS Number **7487-88-9**

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## 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. In severe cases or if exposure has been great, OBTAIN MEDICAL ATTENTION.

## 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 below the recommended limits.

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                      No specific odour.  
pH                          5 (10% solution)  
Boiling point             Not available  
Melting point            1124.0 °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         Not available  
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  
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                        Contact with the solid or dust may be irritating to the skin.  
  
LD50 Skin                 Not available  
  
Ingest                     Acts as a laxative if taken internally.  
  
LD50 Ingest               Not available  
  
Inhalation                Presents no significant health hazard by inhalation.

## 11. Toxicological Information (continued)

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 Classification	None
Label Symbols	None
Risk & safety Phrases	None
EEC Number	231-298-2

## 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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