

**1. Identification**

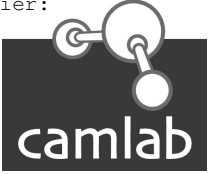
Product Code **1110446**

Product Name **FERROUS SULPHATE 7H2O pure**

Molecular Formula **FeSO<sub>4</sub>.7H<sub>2</sub>O =278.01**

CAS Number **7782-63-0**

Supplier: **CAMLAB LIMITED**  
**Norman Way Industrial Estate**  
**Over**  
**Cambridge**  
**England**  
**CB4 5WE**



Phone **01954 233110**

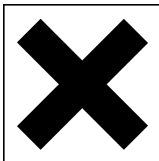
Fax **01954 233101**

Emergency Telephone **08:00-17:00 01954 233110**  
**24hr 112**  
**(Have this document to hand)**

**2. Composition**

Component	CAS No	EEC No	Conc w/w	Classification & Risk Phrases	Exp (See 8.1)
Iron salts (as Fe)	7782-63-0	231-753-5	> 19.5%	Xn : R22	N/A

**3. Hazards Identification**



Harmful if swallowed.

**4. First Aid Measures**

Eyes Irrigate thoroughly with plenty of water for at least 10 minutes, holding the eye open. OBTAIN MEDICAL ATTENTION.

Skin Wash off skin thoroughly with water.

Inhalation Remove from exposure.

Ingestion Wash out the patients mouth thoroughly with water. OBTAIN MEDICAL ATTENTION.

**5. Fire Fighting Measures**

Hazards May evolve toxic fumes if involved in a fire. Fire-fighters should wear protective clothing and breathing apparatus.

Extinguishing Media Consider what other flammable materials are present and act accordingly.

Unsuitable Media Nothing specified.

**6. Accidental Release Measures**

Personal Protection Avoid breathing dust-wear respiratory protective equipment. Do not allow other people to enter area.

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              Pale blue-green crystals.

Odour                     No specific odour.

pH                         5 (10% solution)

Boiling point            Not available

Melting point            64.0 °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         1.8980 °C

Water Solubility         40%

## 10. Stability & Reactivity

Chemical Stability        Stable under normal conditions

Conditions to Avoid      No specific conditions.

Materials to Avoid        No specific materials to avoid.

Hazardous                In a fire will decompose to emit toxic and irritant fumes of sulphur dioxide.

Decomposition Products

## 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                     Harmful if swallowed.

LD50 Ingest              LD10 Rat 1389mg/Kg

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

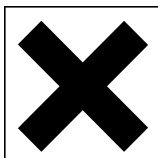
Proper Shipping Name	Non-restricted
UN Number	Non-restricted
UN Classification	None
Subsidiary Risk	None
Flash Point	Not available
Packing Group	None
Transport Category	None
Marine pollutant	No
ADR Hazard ID	Non-restricted

## 15. Regulatory Information

Labelling  
Classification Harmful.

Label Symbols

Xn



Risk & safety Phrases Harmful if swallowed. In case of contact with eyes, rinse immediately with plenty of water and seek medical advice.

EEC Number 231-753-5

## 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: 17/11/95.

Data reviewed and PDF file generated: 17/03/10.

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