

# Camlab Limited – Material Safety Data Sheet


## 1. Identification

Product Code CC/1535-CO

Product Name **FERROUS SULPHATE 7H<sub>2</sub>O A.R.**

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**

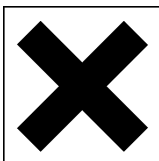
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(Have this document to hand)

## 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.

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

## 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

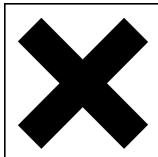
Proper Shipping Name	Non-restricted
UN Number	Non-restricted
UN Classification	None
Subsidiary Risk	None
Flash Point	Not available
Packing Group	None
Transport Category	None
Marine pollutant	No
ADR Hazard ID	Non-restricted

## 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.

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Data reviewed and PDF file generated: 19/07/07.

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