

**1. Identification**

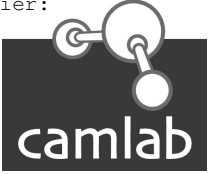
Product Code 1110347

Product Name **AMMONIUM FERRIC SULPHATE 12H<sub>2</sub>O pure**

Molecular Formula **NH<sub>4</sub>Fe(SO<sub>4</sub>)<sub>2</sub>·12H<sub>2</sub>O=482.18**

CAS Number 7783-83-7

Supplier: **CAMLAB LIMITED**



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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 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 pink powder.  
Odour                      No specific odour.  
pH                          4  
Boiling point             Not available  
Melting point             230.0 °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    Decomposes to emit ammonia and 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                     Low order of acute toxicity.

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	233-382-4

## 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: 6/05/99.

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

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