

# SAFETY DATA SHEET

## 1. Identification of the substance/preparation and of the company/undertaking

### Identification of the product

Catalogue No: 28400

ID No.: 1011200

Product name: Iron(II) sulphate 7-hydrate GPR (ferrous sulphate)

### Manufacturer/supplier identification

Company: 12 Valentine Place  
London SE1 8QH

Emergency telephone No.:

## 2. Composition/information on ingredients

### Chemical characterization

Inorganic salt

Product name: Iron(II) sulphate 7-hydrate

CAS number: 7782-63-0

EEC-No.: 231-753-5

## 3. Hazards identification

Harmful if swallowed.

## 4. First aid measures

Eye contact: Irrigate thoroughly with water for at least 10 minutes. If discomfort persists obtain medical attention.

Inhalation: Remove from exposure, rest and keep warm. In severe cases obtain medical attention.

Skin contact: Wash off skin thoroughly with water. Remove contaminated clothing and wash before re-use. In severe cases, OBTAIN MEDICAL ATTENTION.

Ingestion: Wash out mouth thoroughly with water and give plenty of water to drink. OBTAIN MEDICAL ATTENTION.

## 5. Fire-fighting measures

### Special risks:

May evolve toxic fumes in fire.

### Suitable extinguishing media:

Not applicable

## 6. Accidental release measures

Wear appropriate protective clothing.

If local regulations permit, mop up with plenty of water and run to waste, diluting greatly with running water.

Otherwise transfer to container and arrange removal by disposal company. Wash site of spillage thoroughly with detergent and water.

For large spillages liquids should be contained with sand or earth and both liquids and solids transferred to salvage containers. Any residues should be treated as for small spillages.

## 7. Handling and storage

### Handling:

### Storage:

Store at room temperature (15 to 25°C recommended). Keep well closed and protected from direct sunlight and moisture.

## 8. Exposure controls/personal protection

As appropriate to quantity handled.

Respirator: Dust respirator

Ventilation: Extraction hood

Gloves: Rubber or plastic

Eye Protection: Goggles or face-shield

Other Precautions: Plastic apron, sleeves, boots - if handling large quantities

## 9. Physical and chemical properties

Form:	solid
Colour:	green
Odour:	odourless
Melting temperature	64°C
Boiling temperature	n/a
Density (g/ml)	1.9
Solubility in water	Very soluble

## 10. Stability and reactivity

sensitive to air.

No data

## 11. Toxicological information

After contact with substance: local irritation symptoms.

After ingestion of large amounts: vomiting, diarrhoea, drop in blood pressure.

### Further data

LDLo 1389 mg/kg oral, rat.

No evidence of carcinogenic properties. No evidence of mutagenic or teratogenic effects.

## 12. Ecological information

No environmental hazard is anticipated provided that the material is handled and disposed of with due care and attention. The following applies to dissolved iron compounds in general: fish: toxic from 0.9 mg/l up at pH 6.5-7.5; lethal from 1 mg/l up at pH 5.5-6.7; 50 mg/l iron upper limit for fish life. When iron ions flocculate in an alkaline medium, mechanical damage occurs in aquatic organisms.

## 13. Disposal considerations

Chemical residues are generally classified as special waste, and as such are covered by regulations which vary according to location. Contact your local waste disposal authority for advice, or pass to a chemical disposal company. Rinse out empty containers thoroughly before returning for recycling.

## 14. Transport information

UN-No.:	IMDG class: NR
IMO: NR	Packaging group:
IATA: NR	Packaging group:
Correct technical name: NOT-RESTRICTED	
ADR/RID: NR	

## 15. Regulatory information

### Labelling according to EEC directives

Symbol: Xn                      Harmful.

R-phrases: R22  
Harmful if swallowed.

S-phrases: S24/25  
Avoid contact with skin and eyes.

EEC-No.: 231-753-5

### Local Regulations

UK Exposure Limits: OES, Long-term, mg/m<sup>3</sup>: 1 - Iron salts (as Fe)

## 16. Other information

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