

## SAFETY DATA SHEET

FERRIC SULPHATE

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Issued: 18/02/2003

Revision No: 1

### 1. IDENTIFICATION OF THE SUBSTANCE / PREPARATION AND OF THE COMPANY / UNDERTAKING

**Product name:** FERRIC SULPHATE

**CAS number:** 10028-22-5

**EINECS number:** 233-72-9

**Product code:** FERRIC

**Use / description of product:** Harmful.

**Company name:** Raw Chemical Distribution

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### 2. COMPOSITION / INFORMATION ON INGREDIENTS

**Hazardous ingredients:** FERRIC SULPHATE >90%

### 3. HAZARDS IDENTIFICATION

**Main hazards:** Harmful if swallowed. Irritating to eyes.

### 4. FIRST AID MEASURES (SYMPTOMS)

**Skin contact:** There may be mild irritation at the site of contact.

**Eye contact:** There may be irritation and redness.

**Ingestion:** There may be soreness and redness of the mouth and throat. There may be difficulty swallowing. Nausea and stomach pain may occur. There may be vomiting.

**Inhalation:** Absorption through the lungs can occur causing symptoms similar to those of ingestion.

### 4. FIRST AID MEASURES (ACTION)

**Skin contact:** Wash immediately with plenty of soap and water.

**Eye contact:** Bathe the eye with running water for 15 minutes.

**Ingestion:** Wash out mouth with water. Do not induce vomiting. If conscious, give half a litre of water to drink immediately. Transfer to hospital as soon as possible.

**Inhalation:** Remove casualty from exposure ensuring one's own safety whilst doing so. Consult a doctor.

### 5. FIRE-FIGHTING MEASURES

**Extinguishing media:** Suitable extinguishing media for the surrounding fire should be used. Use water spray to cool containers.

**Exposure hazards:** In combustion emits toxic fumes.

[cont...]

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**Protection of fire-fighters:** Wear self-contained breathing apparatus. Wear protective clothing to prevent contact with skin and eyes.

**6. ACCIDENTAL RELEASE MEASURES**

**Personal precautions:** Refer to section 8 of SDS for personal protection details. Mark out the contaminated area with signs and prevent access to unauthorised personnel. Turn leaking containers leak-side up to prevent the escape of liquid.

**Environmental precautions:** Do not discharge into drains or rivers. Contain the spillage using bunding.

**Clean-up procedures:** Absorb into dry earth or sand. Transfer to a closable, labelled salvage container for disposal by an appropriate method.

**7. HANDLING AND STORAGE**

**Handling requirements:** Avoid the formation or spread of mists in the air. Avoid direct contact with the substance.

**Storage conditions:** Store in cool, well ventilated area. Keep container tightly closed.

**Suitable packaging:** Must only be kept in original packaging.

**8. EXPOSURE CONTROLS / PERSONAL PROTECTION**

**Respiratory protection:** Respiratory protection not required.

**Hand protection:** Protective gloves.

**Eye protection:** Safety glasses. Ensure eye bath is to hand.

**Skin protection:** Protective clothing.

**9. PHYSICAL AND CHEMICAL PROPERTIES**

**State:** Liquid

**Colour:** Red-brown

**Odour:** Barely perceptible odour

**Boiling point/range°C:** 103 - 108

**Flash point°C:** N/A

**Autoflammability°C:** N/A

**Relative density:** 1.46 - 1.6

**pH:** <1

**10. STABILITY AND REACTIVITY**

**Stability:** Stable under normal conditions.

**Conditions to avoid:** Heat.

**Materials to avoid:** Strong oxidising agents. Strong acids.

**Haz. decomp. products:** In combustion emits toxic fumes.

**11. TOXICOLOGICAL INFORMATION**

**Routes of exposure:** Refer to section 4 of SDS for routes of exposure and corresponding symptoms.

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**12. ECOLOGICAL INFORMATION****Mobility:** Readily absorbed into soil.**Persistence and degradability:** Biodegradable.**Bioaccumulative potential:** No bioaccumulation potential.**Other adverse effects:** Negligible ecotoxicity.**13. DISPOSAL CONSIDERATIONS****Disposal of packaging:** Arrange for collection by specialised disposal company.**NB:** The user's attention is drawn to the possible existence of regional or national regulations regarding disposal.**14. TRANSPORT INFORMATION****ADR / RID**

|  |                                |
|--|--------------------------------|
| <b>UN no:</b> 1760                             | <b>ADR Class:</b> 8            |
| <b>Packing group:</b> II                       | <b>Classification code:</b> C9 |
| <b>Shipping name:</b> CORROSIVE LIQUID, N.O.S. |                                |
| <b>Labelling:</b> 8                            | <b>Hazard ID no:</b> 80        |

**IMDG / IMO**

|                            |                     |
|----------------------------|---------------------|
| <b>UN no:</b> 1760         | <b>Class:</b> 8     |
| <b>Packing group:</b> II   | <b>EmS:</b> 8-15    |
| <b>Marine pollutant:</b> . | <b>Labelling:</b> 8 |

**IATA / ICAO**

|                          |  |
|--------------------------|--|
| <b>UN no:</b> 1760       | <b>Class:</b> 8                                  |
| <b>Packing group:</b> II | <b>Packing instructions:</b> 808(P&CA); 812(PAO) |
| <b>Labelling:</b> 8      |  |

**15. REGULATORY INFORMATION****Hazard symbols:** Harmful.**Risk phrases:** R22: Harmful if swallowed.

R36: Irritating to eyes.

**Safety phrases:** S25: Avoid contact with eyes.

S26: In case of contact with eyes, rinse immediately with plenty of water and seek medical

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advice.

S36/37/39: Wear suitable protective clothing, gloves and eye / face protection.

S45: In case of accident or if you feel unwell, seek medical advice immediately (show the label where possible).

**Note:** The regulatory information given above only indicates the principal regulations specifically applicable to the product described in the safety data sheet. The user's attention is drawn to the possible existence of additional provisions which complete these regulations. Refer to all applicable national, international and local regulations or provisions.

### 16. OTHER INFORMATION

**Legal disclaimer:** The above information is believed to be correct but does not purport to be all inclusive and shall be used only as a guide. This company shall not be held liable for any damage resulting from handling or from contact with the above product.