

IMPACT
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Material Safety Data Sheet

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EURO LAB SUPPLIES LTD

MATERIAL SAFETY DATA SHEET
AMMONIUM IRON (III) SULPHATE CP

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EUROLAB SUPPLIES LTD

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1. IDENTIFICATION OF CHEMICAL

Chemical name: AMMONIUM IRON (III) SULPHATE CP

CAS number: 10138-04-2

EINECS number: 233-382-4

Stock code: CA4502 CH005

2. COMPOSITION

Composition: 98% MINIMUM

3. HAZARD IDENTIFICATION

Main hazards: This product has a relatively low toxicity rating and no handling problems are likely to be encountered providing normal safe practices of hygiene are applied.

4. FIRST AID MEASURES

Skin contact: In the case of skin contact, flood the splashed area with large quantities of running water.

Eye contact: If the substance has entered the eyes, wash out with water or saline solution for at least 15 minutes.

Ingestion: If the chemical has been confined to the mouth give large quantities of water as a mouth wash. Ensure the mouth wash is not swallowed. If the chemical has been swallowed, give about 250ml water to dilute it in the stomach. In severe cases seek medical attention.

Inhalation: N/A

5. FIRE FIGHTING MEASURES

Exposure hazards: If involved in a fire it decomposes to emit toxic fumes of nitrogen and sulphur oxides, of ammonia.

Suitable extinguisher: Use extinguishing media appropriate to the surrounding fire conditions.

[cont...]

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Personal protection: Wear eye protection and gloves.

Leaks & spills: Sweep up spilled substance but avoid making dust. Transfer to a closable salvage container for disposal by an appropriate method or retain for recovery.

Clean-up procedures: Wash the spillage site with large amounts of water.

7. HANDLING AND STORAGE

Handling requirements: Wear eye protection and gloves.

Storage precautions: Store in a cool dry area. Keep containers closed.

8. EXPOSURE CONTROLS / PERSONAL PROTECTION

Personal protection: Wear eye protection and gloves.

Toxicity: No oral toxicity data.

9. PHYSICAL AND CHEMICAL PROPERTIES

Chemical formula: $\text{NH}_4\text{Fe}(\text{SO}_4)_2 \cdot 12\text{H}_2\text{O}$

Appearance and odour: Pale violet or almost colourless crystals.

Solubility: Very soluble in water. Insoluble in ethanol.

Melting point/range°C: 37.5c

10. STABILITY AND REACTIVITY**11. TOXICOLOGICAL INFORMATION**

Health effects: Skin: May cause irritation to skin.

Eyes: May cause irritation to eyes.

Inhalation: No effects observed.

Ingestion: May be harmful if ingested in quantity.

12. ECOLOGICAL EFFECTS

Ecotoxicity: Data not available.

Persistence: Data not available.

Appraisal: Data not available.

13. DISPOSAL CONSIDERATIONS

Waste disposal: Small quantities may be washed away with large amounts of water.

14. TRANSPORT INFORMATION

IMDG code

ADR / RID

IATA / ICAO

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15. REGULATORY INFORMATION

Classification: No Significant Hazard

16. ADDITIONAL 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.
EUROLAB SUPPLIES LTD shall not be held liable for any damage resulting from handling or from contact with the above product.

These sheets were produced using the EcoSci software.

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