

Material Safety Data Sheet

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MATERIAL SAFETY DATA SHEET
SODIUM SULPHATE ANHYDROUS CP

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EUROLAB SUPPLIES LTD

UNIT 30

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1. IDENTIFICATION OF CHEMICAL

Chemical name: SODIUM SULPHATE ANHYDROUS CP

CAS number: 7757-82-6

EINECS number: 238-373-9

Stock code: CS6444

CH160

2. COMPOSITION

Composition: 99% 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: Wear self-contained breathing apparatus and protective clothing to prevent contact with skin and eyes. If involved in a fire this material decomposes to emit toxic fumes of sodium oxide and sulphur oxides.

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

6. ACCIDENTAL RELEASE MEASURES

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. Wear a suitable dust mask if the situation demands
Avoid contact with skin and eyes. Avoid dust.

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

8. EXPOSURE CONTROLS / PERSONAL PROTECTION

Personal protection: Wear eye protection and gloves

Type: ORL-RAT LD50

Toxicity: 5989 mg/kg

9. PHYSICAL AND CHEMICAL PROPERTIES

Chemical formula: Na₂SO₄

Appearance and odour: White powder

Solubility: 33% soluble in water. Insoluble in ethanol

Melting point/range°C: 884

Autoflammability°C: Not combustible.

pH: 5-6

10. STABILITY AND REACTIVITY

Stability: Stable.

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: Water soluble.

Persistence: Will disperse into ions.

Appraisal: Data not available.

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13. DISPOSAL CONSIDERATIONS

Waste disposal: Bury in a landfill site approved for the disposal of chemical and hazardous wastes.
Observe all local and environmental regulations.

14. TRANSPORT INFORMATION

IMDG code

ADR / RID

IATA / ICAO

15. REGULATORY INFORMATION

Classification: No Significant Hazard

Safety phrases: S22: Do not breathe dust.
S24/25: Avoid contact with skin and eyes.

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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