



SAFETY DATA SHEET

40% SULPHUR DISPERSION

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

Product name: 40% SULPHUR DISPERSION

Product code: fSULP/40

Use of substance / preparation: Vulcanisation agent

Company name: Aquaspersions Ltd

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2. HAZARDS IDENTIFICATION

Main hazards: No significant hazard.

Other hazards: No other major hazards.

3. COMPOSITION / INFORMATION ON INGREDIENTS

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.

Inhalation: There may be irritation of the throat with a feeling of tightness in the chest.

4. FIRST AID MEASURES (ACTION)

Skin contact: Wash immediately with plenty of soap and water. Consult a doctor.

Eye contact: Bathe the eye with running water for 15 minutes. Consult a doctor.

Ingestion: Wash out mouth with water and give 200-300ml warm water to drink. Seek medical attention immediately.

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

5. FIRE-FIGHTING MEASURES

Extinguishing media: Water. Dry chemical powder. Carbon dioxide.

Exposure hazards: In combustion emits toxic fumes of sulphur oxides. In combustion emits toxic fumes of carbon dioxide. In combustion emits toxic fumes of carbon monoxide.

Protection of fire-fighters: Wear self-contained breathing apparatus.

6. ACCIDENTAL RELEASE MEASURES

Personal precautions: Refer to section 8 of SDS for personal protection details.

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Environmental precautions: Prevent contamination of drains/watercourses/vegetation. Advise police.

Clean-up procedures: Adsorb onto sand/earth/similar adsorbent material. Once clear, wash the spillage area clean with water and detergent.

7. HANDLING AND STORAGE

Handling requirements: Avoid contact with skin/eyes. Do not inhale mists. Avoid ingestion.

Storage conditions: Store in closed containers, well protected from frost.

Suitable packaging: Most packagaing suitable, avoid mild-steel.

8. EXPOSURE CONTROLS / PERSONAL PROTECTION

Engineering measures: Ensure there is sufficient ventilation of the area.

Respiratory protection: Wear suitable respiratory protective equipment to prevent overexposure to mist.

Hand protection: Water repellent barrier cream Protective gloves.

Eye protection: Safety goggles. Ensure eye bath is to hand.

Skin protection: Wear suitable protective clothing. Water-repellent barrier cream.

9. PHYSICAL AND CHEMICAL PROPERTIES

State: Flowable aqueous dispersion.

Colour: Yellow

Odour: Slight

Solubility in water: Miscible

Viscosity: 300 - 500 cps

Boiling point/range°C: 100

Melting point/range°C: 0

Relative density: 1.25 to 1.35

pH: 8.50 to 10.20

10. STABILITY AND REACTIVITY

Stability: Stable under normal conditions.

Conditions to avoid: Extremes of temperature. Protect from frost.

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

Haz. decomp. products: The residue of this emulsion may liberate toxic fumes in combustion.

11. TOXICOLOGICAL INFORMATION

Acute toxicity: 40% SULPHUR DISPERSION

ORL RAT LD50 >8437 mg/kg

Chronic toxicity: Repeated or prolonged contact may cause skin irritation/allergy.

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

12. ECOLOGICAL INFORMATION

Ecotoxicity: 40% SULPHUR DISPERSION

FISH GOLDFISH 96H LC50 >100 mg/l

Other adverse effects: Negligible ecotoxicity.

13. DISPOSAL CONSIDERATIONS

Disposal of packaging: Incinerate residues only in officially approved incinerator. Dispose of empty containers only on dumps designated for special waste or at an incineration plant for industrial waste.

NB: The user's attention is drawn to the possible existence of regional or national regulations regarding disposal.

14. TRANSPORT INFORMATION**ADR / RID**

UN no: Not Classified.

IMDG / IMO

UN no: Not Classified.

IATA / ICAO

UN no: Not Classified.

15. REGULATORY INFORMATION

Hazard symbols: No significant hazard.

Safety phrases: S25: Avoid contact with eyes.

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

Other information: For use as a vulcanisation agent in rubber

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.

