



SAFETY DATA SHEET
70% CALCIUM CARBONATE DISPERSION

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Revision No: 1

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

Product name: 70% CALCIUM CARBONATE DISPERSION

CAS number: 1317-65-3

Product code: fCACO/70

Company name: Aquaspersions Ltd

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2. COMPOSITION / INFORMATION ON INGREDIENTS

3. HAZARDS IDENTIFICATION

Main hazards: No significant hazard.

Other hazards: No other major hazards.

4. FIRST AID MEASURES (SYMPTOMS)

Skin contact: Prolonged contact may sensitise skin by defatting.

Eye contact: May cause irritation and redness.

Ingestion: Unlikely to be harmful by ingestion.

Inhalation: Slight irritant It is unlikely that this substance will be inhaled, unless through aspiration, due to its physical properties.

4. FIRST AID MEASURES (ACTION)

Skin contact: If a person feels unwell after coming into contact with this dispersion then seek medical advice.
Remove all contaminated clothes and footwear immediately unless stuck to skin.

Eye contact: Irrigate with plenty of water. Seek medical advice

Ingestion: Wash out mouth with water and give 200-300ml warm water to drink. Seek medical attention immediately. Do not induce vomiting.

Inhalation: Remove patient to fresh air. Treat symptomatically and seek medical advice.

5. FIRE-FIGHTING MEASURES

Extinguishing media: Water. Carbon dioxide. Dry chemical powder. Do not use water jet

Exposure hazards: Virtually non-flammable as supplied. Residue may support combustion. May be irritating on prolonged or repeated contact.

Protection of fire-fighters: Respiratory Protective Equipment (RPE) must be worn.

6. ACCIDENTAL RELEASE MEASURES

Personal precautions: Avoid contact with skin/eyes. Do not inhale mists. Avoid ingestion.

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.

[cont...]

7. HANDLING AND STORAGE

Handling requirements: Ensure there is sufficient ventilation of the area. Avoid contact with skin/eyes. Do not inhale mists. Avoid ingestion.

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

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: Protective gloves. Water repellent barrier cream

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: Liquid

Colour: White

Odour: Odourless

Evaporation rate: Not tested

Solubility in water: Miscible

Also soluble in: No data.

Viscosity: 500 - 2000 cps

Boiling point/range°C: 100

Melting point/range°C: 0

Flammability limits %: lower: No data

upper: No data

Flash point°C: No data

Part.coeff. n-octanol/water: No data

Autoflammability°C: No data

Vapour pressure: No data

Relative density: 1.70 - 2.00

pH: 8.50 - 11.00

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. In combustion emits mainly oxides of carbon

11. TOXICOLOGICAL INFORMATION

Chronic toxicity: Eyes skin, mouth and nose

Routes of exposure: Slight irritant to eyes and skin. Excessive contact with skin may lead to de-fatting.

12. ECOLOGICAL INFORMATION

Mobility: Miscible with water.

Persistence and degradability: No data available.

Bioaccumulative potential: No data available.

Other adverse effects: No data available.

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

IMDG / IMO

IATA / ICAO

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. ADDITIONAL INFORMATION

Additional information: For use as a filler/extender in the processing of 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. Aquaspersions Limited shall not be held liable for any damage resulting from handling or from contact with the above product.

