



SAFETY DATA SHEET
50% A28(P) COMPOSITE DISPERSION

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

Product name: 50% A28(P) COMPOSITE DISPERSION
Product code: fC28C/50P
Company name: Aquaspersions Ltd
Beacon Hill Road
Halifax
West Yorkshire
HX3 6AQ
Tel: 01422 386200
Fax: 01422 386239

2. COMPOSITION / INFORMATION ON INGREDIENTS

Ingredients: A THIAZOLE (1) 1-10%
[Sens.] R43; [N] R51/53

- DITHIOCARBAMATE 1 10-30%
[Xi] R36/37/38; [Sens.] R43; [N] R50/53
- AMMONIA SOLUTION <1%
[C] R34; [N] R50

3. HAZARDS IDENTIFICATION

Main hazards: May cause sensitisation by skin contact. Toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment.

4. FIRST AID MEASURES (SYMPTOMS)

Skin contact: Repeated or prolonged contact may cause irritation or allergic reaction (e.g Dermatitis) May cause sensitisation by skin contact.

Eye contact: Moderate irritant (including mechanical irritation)

Ingestion: May cause internal irritation to the stomach lining

Inhalation: If this dispersion is strongly heated it may release acidic fumes which are corrosive to the respiratory tract

4. FIRST AID MEASURES (ACTION)

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

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

Ingestion: Do not induce vomiting. Wash out mouth with water and give 200-300ml warm water to drink. Seek medical attention immediately. Alcohol intolerance (Antabuse syndrome) may result from adsorption.

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

[cont...]

5. FIRE-FIGHTING MEASURES

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

Exposure hazards: Residue will emit toxic fumes of Hydrocyanic acid, S, N and C oxides in a fire

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.

7. HANDLING AND STORAGE

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

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: Pale yellow

Odour: Barely perceptible odour

Evaporation rate: Not tested

Solubility in water: Miscible

Also soluble in: No data.

Viscosity: 200 to 1500 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: 1.15 to 1.25

pH: 8.50 to 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.**Haz. decomp. products:** The residue of this dispersion may emit toxic fumes of hydrocyanic acid, S, N and C oxides in a fire**11. TOXICOLOGICAL INFORMATION****Ingredients:** A THIAZOLE (1)
oral RAT LD50 >2000 mg/kg**Chronic toxicity:** Irritation by skin/eye contact and by ingestion. Skin sensitiser.**Routes of exposure:** Irritant to the eyes, skin and by ingestion. Skin sensitiser**12. ECOLOGICAL INFORMATION****Mobility:** Miscible with water.**Persistence and degradability:** A component of this dispersion has a small measure of persistence in the ecosystem**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:** Irritant.
Dangerous for the environment.**Risk phrases:** R43: May cause sensitisation by skin contact.
R51/53: Toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment.**Safety phrases:** S24/25: Avoid contact with skin and eyes.
S37: Wear suitable gloves.
S61: Avoid release to the environment. Refer to special instructions / safety data sheets.

[cont...]

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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 vulcanisation agent in rubber

Risk phrases used in s.2: R43: May cause sensitisation by skin contact.

R51/53: Toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment.

R36/37/38: Irritating to eyes, respiratory system and skin.

R50/53: Very toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment.

R34: Causes burns.

R50: Very toxic to aquatic organisms.

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.

