



**SAFETY DATA SHEET**  
50% A28 COMPOSITE DISPERSION

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Issued: 26/01/08  
Revision No: 3

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

**Product name:** 50% A28 COMPOSITE DISPERSION

**Product code:** fC28C/50

**Use of substance / preparation:** Vulcanisation agent

**Company name:** Aquaspersions Ltd

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**2. HAZARDS IDENTIFICATION**

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

**3. COMPOSITION / INFORMATION ON INGREDIENTS**

- Hazardous 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

**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. Alcohol intolerance (Antabuse syndrome) may result from adsorption.

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

## 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:** Do not discharge into drains or rivers.

**Clean-up procedures:** Absorb into dry earth or sand. Wash the spillage site with large amounts of water.

## 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:** Must only be kept in original packaging.

## 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:** Perceptible odour

**Evaporation rate:** Negligible

**Solubility in water:** Miscible

**Viscosity:** 200 to 1500 cps

**Boiling point/range°C:** 100

**Melting point/range°C:** 0

**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

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

## 12. ECOLOGICAL INFORMATION

**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

**UN no:** Not Classified.

### IMDG / IMO

**UN no:** Not Classified.

### IATA / ICAO

**UN no:** Not Classified.

## 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: Avoid contact with skin.  
S37: Wear suitable gloves.  
S61: Avoid release to the environment. Refer to special instructions / safety data sheets.

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**Haz. ingredients (label):** A THIAZOLE (1); DITHIOCARBAMATE 1

**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

**Risk phrases used in s.3:** 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.

