



SAFETY DATA SHEET

50% ZDMC DISPERSION

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Issued: 26/09/2003

Revision No: 1

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

Product name: 50% ZDMC DISPERSION

Product code: fZMD//50T1

Company name: Aquaspersions Ltd

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2. COMPOSITION / INFORMATION ON INGREDIENTS

Hazardous ingredients: ZDMC 30-50%

[Xn] R22; [Xi] R36/37/38; [Xn] R68

- AMMONIA SOLUTION <1%

[C] R34; [N] R50

3. HAZARDS IDENTIFICATION

Main hazards: Harmful if swallowed. Irritating to eyes, respiratory system and skin. Possible risk of irreversible effects.

4. FIRST AID MEASURES (SYMPTOMS)

Skin contact: Moderate irritant (including mechanical irritation)

Eye contact: Irritant

Ingestion: Harmful by ingestion. Please read the label and Material Safety Data Sheet.

Inhalation: Moderate irritant (including mechanical irritation)

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. Drench the affected skin with running water for 10 minutes or longer if substance is still on skin.

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.

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 any other types of extinguisher

Exposure hazards: Virtually non-flammable as supplied. Residue may support combustion.

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

[cont...]

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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: Flowable aqueous dispersion.

Colour: Off-white

Odour: Slight

Evaporation rate: Not tested

Solubility in water: Miscible

Also soluble in: No data.

Viscosity: 200 - 1000 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 - 1.25

pH: 9.00 - 11.00

10. STABILITY AND REACTIVITY

Stability: Stable under normal conditions.

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

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Materials to avoid: No known hazardous reactions**Haz. decomp. products:** May produce Aniline as a decomposition product**11. TOXICOLOGICAL INFORMATION****Chronic toxicity:** Irritation by skin/eye contact and by ingestion. Skin sensitiser. May cause allergic sensitisation of the skin especially as a component of rubber articles**Routes of exposure:** Irritant to the eyes, skin and by ingestion. May cause an allergic sensitisation of the skin.**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****UN no:** -**Shipping name:** NOT CLASSIFIED FOR TRANSPORT**IMDG / IMO****UN no:** -**Labelling:** NOT CLASSIFIED FOR TRANSPORT**IATA / ICAO****UN no:** -**Labelling:** NOT CLASSIFIED FOR TRANSPORT**15. REGULATORY INFORMATION****Hazard symbols:** Harmful.**Risk phrases:** R22: Harmful if swallowed.
R36/37/38: Irritating to eyes, respiratory system and skin.
R68: Possible risk of irreversible effects.**Safety phrases:** S25: Avoid contact with eyes.
S36/37: Wear suitable protective clothing and gloves.
S53: Avoid exposure - obtain special instructions before use.

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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. OTHER INFORMATION

Other information: For use as a vulcanisation accelerator for rubber latices.

Risk phrases used in s.2: R22: Harmful if swallowed.
R36/37/38: Irritating to eyes, respiratory system and skin.
R68: Possible risk of irreversible effects.
R34: Causes burns.
R50: Very toxic to aquatic organisms.

Legal disclaimer: Aquaspersions Limited shall not be held liable for any damage resulting from handling or from contact with the above product. Aquaspersions (M) Sdn Bhd shall not be held liable for any damage resulting from handling or from contact with the above product.

