



SAFETY DATA SHEET

50% ZDEC DISPERSION

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Issued: 03/05/07

Revision No: 2

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

Product name: 50% ZDEC DISPERSION

Product code: fZDC//50

Use of substance / preparation: For use as an accelerator in the vulcanisation of rubber latex

Company name: Aquaspersions Ltd

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2. HAZARDS IDENTIFICATION

Main hazards: Harmful if swallowed. Irritating to eyes, respiratory system and skin. May cause sensitisation by skin contact. Very toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment.

3. COMPOSITION / INFORMATION ON INGREDIENTS

Hazardous ingredients: DITHIOCARBAMATE 2 30-50%

[Xn] R22; [Xi] R36/37/38; [Sens.] R43; [N] R50/53

- AMMONIA SOLUTION <1%

[C] R34; [N] R50

4. FIRST AID MEASURES (SYMPTOMS)

Skin contact: There may be redness or whiteness of the skin in the area of exposure.

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.

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

Ingestion: Do not induce vomiting. Wash out mouth with water. If conscious, give half a litre of water to drink immediately.

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

5. FIRE-FIGHTING MEASURES

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

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

[cont...]

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fumes of sulphur oxides. In combustion emits toxic fumes of nitrogen oxides. In combustion emits toxic fumes of hydrogen cyanide.

Protection of fire-fighters: Wear protective clothing to prevent contact with skin and eyes.

6. ACCIDENTAL RELEASE MEASURES

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

Environmental precautions: Do not discharge into drains or rivers. Contain the spillage using bunding.

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

7. HANDLING AND STORAGE

Handling requirements: Ensure there is sufficient ventilation of the area.

Storage conditions: Store in cool, well ventilated area. Keep container tightly closed.

8. EXPOSURE CONTROLS / PERSONAL PROTECTION

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

Respiratory protection: Respiratory protective device with particle filter.

Hand protection: Protective gloves.

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

Skin protection: Protective clothing.

9. PHYSICAL AND CHEMICAL PROPERTIES

State: Liquid

Colour: White

Odour: Characteristic odour

Evaporation rate: Negligible

Solubility in water: Miscible

Viscosity: 200 - 1000 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: Direct sunlight. Heat.

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

11. TOXICOLOGICAL INFORMATION

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

12. ECOLOGICAL INFORMATION

Other adverse effects: No data available.

13. DISPOSAL CONSIDERATIONS

Disposal of packaging: Dispose of in a regulated landfill site or other method for hazardous or toxic wastes.

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: 3082

ADR Class: 9

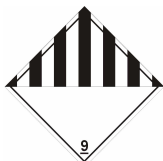
Packing group: III

Classification code: M6

Shipping name: ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S. (DITHIOCARBAMATE 2)

Labelling: 9

Hazard ID no: 90

**IMDG / IMO**

UN no: 3082

Class: 9

Packing group: III

EmS: F-A,S-F

Marine pollutant: .

Labelling: 9

IATA / ICAO

UN no: 3082

Class: 9

Packing group: III

Packing instructions: 914

Labelling: 9

15. REGULATORY INFORMATION

Hazard symbols: Harmful.

Dangerous for the environment.



Risk phrases: R22: Harmful if swallowed.

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

R43: May cause sensitisation by skin contact.

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R50/53: Very 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.

Haz. ingredients (label): DITHIOCARBAMATE 2

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

Risk phrases used in s.3: R22: Harmful if swallowed.

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

R43: May cause sensitisation by skin contact.

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.

