



SAFETY DATA SHEET

50% TMTD DISPERSION

Page 1

Issued: 23/05/02

Revision No: 2

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

Product name: 50% TMTD DISPERSION
Product code: fTMTD/50
Company name: Aquaspersions Ltd
Beacon Hill Road
Halifax
West Yorkshire
HX3 6AQ
Tel: 01422 386200
Fax: 01422 386239

2. COMPOSITION / INFORMATION ON INGREDIENTS

Ingredients: TETRAMETHYLTHIURAM DISULPHIDE 30-50%
[Xn] R20/22; [Xi] R36/37; [Sens.] R43; [Xn] R68

3. HAZARDS IDENTIFICATION

Main hazards: Harmful by inhalation and if swallowed. Irritating to eyes and respiratory system. May cause sensitisation by skin contact. Possible risk of irreversible effects.

4. FIRST AID MEASURES (SYMPTOMS)

Skin contact: May cause sensitisation by skin contact.
Eye contact: Irritant
Ingestion: Harmful by ingestion. Please read the label and Material Safety Data Sheet.
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: If a person feels unwell after coming into contact with this dispersion then seek medical advice. Remove contaminated clothing. Wash thoroughly with soap and water. Seek medical advice if irritation or sensitisation persists.
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. In the unlikely event that this substance is inhaled (e.g. aspiration) then treat symptomatically and seek medical advice.

5. FIRE-FIGHTING MEASURES

Extinguishing media: Water. Carbon dioxide. Alcohol or polymer foam. Dry chemical powder. Do not use water jet
Exposure hazards: Thermal decomposition or burning may release oxides of carbon, phosphorous and other toxic gases or vapours. Do not release chemically contaminated water into drains, soil or surface water. Sufficient measures must be taken to retain water used for exting

[cont...]

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. Shovel up into drums or suitable containers for disposal.

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. Face-shield. Ensure eye bath is to hand.

Skin protection: Wear suitable protective clothing. Water-repellent barrier cream.

9. PHYSICAL AND CHEMICAL PROPERTIES

State: Liquid

Colour: Off-white

Odour: Barely perceptible odour

Solubility in water: Miscible

Also soluble in: No data.

Viscosity: 300 - 1200 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: 1.10 - 1.20

pH: 8.50 - 11.00

10. STABILITY AND REACTIVITY

Stability: Stable under normal conditions. Protect from frost and temperatures over 100oC.

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

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

Haz. decomp. products: Thermal decomposition may release oxides of carbon, nitrogen and sulphur.

11. TOXICOLOGICAL INFORMATION

Chronic toxicity: Eyes skin, mouth and nose

Routes of exposure: May cause sensitisation by skin contact. Harmful if swallowed. Slight irritant to eyes and 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

IMDG / IMO

IATA / ICAO

15. REGULATORY INFORMATION

Hazard symbols: Harmful.



Risk phrases: R20/22: Harmful by inhalation and if swallowed.

R36/37: Irritating to eyes and respiratory system.

R43: May cause sensitisation by skin contact.

R68: Possible risk of irreversible effects.

Safety phrases: S23: Do not breathe vapours

S24/25: Avoid contact with skin and eyes.

S26: In case of contact with eyes, rinse immediately with plenty of water and seek medical advice.

S37: Wear suitable gloves.

S45: In case of accident or if you feel unwell, seek medical advice immediately (show the label where possible).

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

SAFETY DATA SHEET
50% TMTD DISPERSION

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 in pesticide formulations. For use as a vulcanisation accelerator for rubber latices.

Risk phrases used in s.2: R20/22: Harmful by inhalation and if swallowed.
R36/37: Irritating to eyes and respiratory system.
R43: May cause sensitisation by skin contact.
R68: Possible risk of irreversible effects.

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.