



SAFETY DATA SHEET

50% CNS DISPERSION

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Issued: 23/05/02

Revision No: 2

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

Product name: 50% CNS DISPERSION

Product code: fCNS//50

Company name: Aquaspersions Ltd

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2. COMPOSITION / INFORMATION ON INGREDIENTS

Ingredients: IMIDAZOLE 10-30%

[Xn] R22; [N] R52/53

- AMINE 1 1-10%

[Xn] R48/22; [Xi] R41

- AMMONIA SOLUTION <1%

[C] R34; [N] R50

3. HAZARDS IDENTIFICATION

Main hazards: Harmful if swallowed. Harmful to aquatic organisms, may cause long-term adverse effects in the aquatic environment. May cause long-term adverse effects in the aquatic environment.

Other hazards: Active ingredient is very toxic to aquatic organisms and may cause long-term adverse effects in the aquatic environment.

4. FIRST AID MEASURES (SYMPTOMS)

Skin contact: Prolonged or repeated contact may sensitise skin or cause allergic reaction.

Eye contact: Repeated or prolonged contact may cause irritation (including surfactant and/or mechanical irritation from the solid particles/active oil)

Ingestion: May be harmful by ingestion.

Inhalation: It is unlikely that this substance will be inhaled, unless through aspiration, due to its physical properties. If this dispersion is strongly heated it may release fumes which are irritating to the respiratory tract and may be harmful due to the nature of the active ingredient

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.

Eye contact: Irrigate with plenty of water. If persistent irritation occurs then seek advice from an ophthalmologist.

Ingestion: Do not induce vomiting. Wash out mouth with water and give 200-300ml warm water to drink. Seek medical attention immediately.

[cont...]

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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 any other types of extinguisher

Exposure hazards: Virtually non-flammable as supplied. Residue may support combustion. Burning will produce oxides of sulphur which irritate the lungs.

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. Shovel up into drums or suitable containers for disposal. 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 made from nitrile rubber or PVC. 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: 250 - 1500cps

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: 1.05 - 1.15
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. Protect from temperatures above 100oC
Materials to avoid: Strong acids. Strong bases. Strong oxidising agents.
Haz. decomp. products: Decomposes slowly above 100oC, liberating flammable vapours.

11. TOXICOLOGICAL INFORMATION

Chronic toxicity: Not classified as a skin sensitiser, although may cause irritation or allergic reaction with prolonged contact Eyes skin, mouth and nose
Routes of exposure: Not classified as a skin sensitiser, although may cause irritation or allergic reaction with prolonged contact.

12. ECOLOGICAL INFORMATION

Mobility: Miscible with water.
Persistence and degradability: No data available.
Bioaccumulative potential: No data available.
Other adverse effects: Potentially very toxic to aquatic organisms and damaging in the long-term to the aquatic environment.

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: R22: Harmful if swallowed.

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R52/53: Harmful to aquatic organisms, may cause long-term adverse effects in the aquatic environment.

R53: May cause long-term adverse effects in the aquatic environment.

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 an antioxidant in a variety of polymer latices.

Risk phrases used in s.2: R22: Harmful if swallowed.

R52/53: Harmful to aquatic organisms, may cause long-term adverse effects in the aquatic environment.

R48/22: Harmful: danger of serious damage to health by prolonged exposure if swallowed.

R41: Risk of serious damage to eyes.

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.