



SAFETY DATA SHEET
50% AQUANOX LT21 EMULSION

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

Product name: 50% AQUANOX LT21 EMULSION

Product code: fEM10/50

Use / description of product: Mixture of sterically hindered phenols in an aqueous base.

2. COMPOSITION / INFORMATION ON INGREDIENTS

Ingredient 1: SURFACTANT A <10%
[Xn] R22; [Xi] R41; [N] R53;

Ingredient 2: SURFACTANT G <10%
[Xi] R36/38; [Xi] R41;

3. HAZARDS IDENTIFICATION

Main hazards: Irritating to eyes.

Other hazards: No major hazards.

4. FIRST AID MEASURES (SYMPTOMS)

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

Eye contact: There may be irritation and redness.

Ingestion: Unlikely to be harmful by ingestion.

Inhalation: If this dispersion is strongly heated it may release fumes which are irritating 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.

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

Ingestion: Do not induce vomiting. If conscious, give 1 pint of water to drink immediately. If unconscious, check for breathing and apply artificial respiration if necessary. If unconscious and breathing is OK, place in the recovery position. Transfer to hospital as soon as possible.

Inhalation: 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: Carbon dioxide. Water. Alcohol resistant foam. Dry chemical powder.

[cont...]

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Exposure hazards: Avoid contact with skin. Virtually non-flammable as supplied. Residue may support combustion.

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

6. ACCIDENTAL RELEASE MEASURES

Personal precautions: Mark out the contaminated area with signs and prevent access to unauthorised personnel. Turn leaking containers leak-side up to prevent the escape of liquid.

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

Clean-up procedures: Absorb into dry earth or sand. Transfer to a closable, labelled salvage container for disposal by an appropriate method. Wash the spillage site with large amounts of water.

7. HANDLING AND STORAGE

Handling requirements: Ensure there is sufficient ventilation of the area. Avoid direct contact with the substance.

Storage conditions: Store in cool, well ventilated area. Store in closed containers, well protected from frost. Stir well before use.

Suitable packaging: Stainless steel. Polyethylene.

8. EXPOSURE CONTROLS / PERSONAL PROTECTION

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

Respiratory protection: Self-contained breathing apparatus must be available in case of emergency.

Hand protection: Protective gloves.

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

Skin protection: Protective clothing with elasticated cuffs and closed neck. Boots made of PVC.

9. PHYSICAL AND CHEMICAL PROPERTIES

State: Liquid

Colour: Cream

Odour: Characteristic odour

Viscosity: 500 - 2000 cps

Oxidising: No data

Evaporation rate: Slow

Solubility in water: Miscible

Also soluble in: Not applicable.

Boiling point/range°C: 100

Melting point/range°C: 0

Flammability limits %: lower: No data

upper: No data

Part.coeff. n-octanol/water: No data

Autoflammability°C: No data

Vapour pressure: No data

Relative density: 0.950 - 1.050

pH: 8.50 - 10.50**10. STABILITY AND REACTIVITY****Stability:** Stable under normal conditions.**Conditions to avoid:** Extremes of temperature. Protect from frost.**Materials to avoid:** Strong acids. Bases.**Haz. decomp. products:** The residue of this emulsion may liberate toxic fumes when strongly heated.**11. TOXICOLOGICAL INFORMATION****Effects of exposure** Not classified as a skin sensitiser, although may cause irritation or allergic reaction with prolonged contact**Routes of exposure** Prolonged skin contact may cause allergy by defatting**12. ECOLOGICAL INFORMATION****Mobility:** Miscible with water.**Persistence and degradability:** No data.**Bioaccumulative potential:** No data.**Other adverse effects:** No data.**13. DISPOSAL CONSIDERATIONS****Waste disposal:** Dispose of in a regulated landfill site or other method for hazardous or toxic wastes.**Disposal of packaging** Retain for recovery. May be reused following decontamination.**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****Marine pollutant:** N**IATA / ICAO****15. REGULATORY INFORMATION****Hazard symbols:** Irritant.**Risk phrases:** R36: Irritating to eyes.**Safety phrases:** S25: Avoid contact with eyes.

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

S39: Wear eye / face protection.

WGK: 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.

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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.

R41: Risk of serious damage to eyes.

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

R36/38: Irritating to eyes and skin.

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.