



SAFETY DATA SHEET
55% AQUANOX N EMULSION

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Aquaspersions Ltd
Beacon Hill Road
Halifax
West Yorkshire
HX3 6AQ
Tel: 01422 386200
Fax: 01422 386239

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

Product name: 55% AQUANOX N EMULSION

Product code: fNAUG/55

Use / description of product: Sterically hindered phenol in an aqueous base.

2. COMPOSITION / INFORMATION ON INGREDIENTS

Ingredient 1: SURFACTANT J <10%
[Xi] R36;

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

3. HAZARDS IDENTIFICATION

Main hazards: No significant hazard.

Other hazards: No major hazards.

4. FIRST AID MEASURES (SYMPTOMS)

Skin contact: No symptoms.

Eye contact: There may be irritation and redness.

Ingestion: Nausea and stomach pain may occur.

Inhalation: No symptoms.

4. FIRST AID MEASURES (ACTION)

Eye contact: No major hazards.

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: Remove patient to fresh air. Treat symptomatically and seek medical advice.

5. FIRE-FIGHTING MEASURES

Extinguishing media: Carbon dioxide. Water. Alcohol resistant foam. Dry chemical powder.

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.

[cont...]

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.

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.

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

9. PHYSICAL AND CHEMICAL PROPERTIES

State: Liquid

Colour: Cream

Odour: Aromatic

Viscosity: 200 - 1000 cps.

Oxidising: Non-oxidising (by EC criteria)

Evaporation rate: Negligible

Solubility in water: Miscible

Boiling point/range°C: 100

Melting point/range°C: 0

Relative density: 0.900 - 1.000

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 Decomposes on strong heating liberating flammable carbon disulphide.

Routes of exposure Danger of cumulative effects in contact with the skin.

Toxicity: 55% AQUANOX N EMULSION
ORL RAT LD50 16000mg/kg

12. ECOLOGICAL INFORMATION**Mobility:** No data.**Persistence and degradability:** Only slightly biodegradable.**Bioaccumulative potential:** No data.**Other adverse effects:** Negligible ecotoxicity.**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:** No significant hazard.**Safety phrases:** S25: Avoid contact with eyes.**WGK:** 0**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:** R36: Irritating to eyes.

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.