



**SAFETY DATA SHEET**  
50% AQUANOX LDL B EMULSION

Page 1

Issued: 23/05/02

Revision No: 2

**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:** 50% AQUANOX LDL B EMULSION

**Product code:** fLDL//50B

**Use / description of product:** Antidegredant for use in polymer latices.

**2. COMPOSITION / INFORMATION ON INGREDIENTS**

**Ingredient 1:** SURFACTANT G <10%

[Xi] R36/38; [Xi] R41;

**Contains:** A synergistic blend of a sterically hindered phenol and thioester.

**3. HAZARDS IDENTIFICATION**

**Main hazards:** No significant hazard.

**Other hazards:** No major hazards.

**4. FIRST AID MEASURES (SYMPTOMS)**

**Skin contact:** May be irritating on prolonged or repeated contact.

**Eye contact:** There may be irritation and redness.

**Ingestion:** Nausea and stomach pain may occur.

**Inhalation:** No symptoms.

**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:** 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:** Virtually non-flammable as supplied. Residue may support combustion. In combustion emits mainly oxides of carbon and sulphur.

**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.

**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:** Beige

**Odour:** Sweet-smelling

**Viscosity:** 200 to 2000 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:** 7.00 - 9.00

**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** May cause sensitisation through skin contact.

**12. ECOLOGICAL INFORMATION**

**Mobility:** No data.

**SAFETY DATA SHEET**  
50% AQUANOX LDL B EMULSION

**Persistence and degradability:** Only slightly biodegradable.

**Bioaccumulative potential:** No data.

**Other adverse effects:** Negligible ecotoxicity.

### 13. DISPOSAL CONSIDERATIONS

**Waste disposal:** In accordance with the local or national legislation.

**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.

**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:** R36/38: Irritating to eyes and skin.

R41: Risk of serious damage to eyes.

**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.