



## SAFETY DATA SHEET

45% 2246 DISPERSION

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

**Product name:** 45% 2246 DISPERSION

**Product code:** f2246/45

**Company name:** Aquaspersions Ltd

Beacon Hill Road

Halifax

West Yorkshire

HX3 6AQ

Tel: 01422 386200

Fax: 01422 386239

### 2. COMPOSITION / INFORMATION ON INGREDIENTS

### 3. HAZARDS IDENTIFICATION

**Main hazards:** May cause long-term adverse effects in the aquatic environment.

**Other hazards:** No other 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)

**Skin contact:** Remove all contaminated clothes and footwear immediately unless stuck to skin. Wash immediately with plenty of soap and water.

**Eye contact:** No major hazards.

**Ingestion:** Do not induce vomiting. If conscious, give half a litre 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:** May be irritating on prolonged or repeated contact. 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.

[cont...]

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**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:** Flowable aqueous dispersion.

**Colour:** Beige

**Odour:** Barely perceptible odour

**Evaporation rate:** Not tested

**Solubility in water:** Miscible

**Also soluble in:** No data.

**Viscosity:** 200 to 1500 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:** 1.00 - 1.10

**pH:** 8.50 - 11.00

**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 in combustion.

**11. TOXICOLOGICAL INFORMATION**

**Chronic toxicity:** Danger of cumulative effects in contact with the skin.

**Routes of exposure:** Decomposes on strong heating liberating flammable carbon disulphide.

**12. ECOLOGICAL INFORMATION**

**Mobility:** No data.

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

**Bioaccumulative potential:** No data available.

**Other adverse effects:** Negligible ecotoxicity.

**13. DISPOSAL CONSIDERATIONS**

**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**

**Labelling:** Not required

**IMDG / IMO**

**Marine pollutant:** N

**Labelling:** Not required

**IATA / ICAO**

**Labelling:** Not required

**15. REGULATORY INFORMATION**

**Hazard symbols:** No significant hazard.

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

**Safety phrases:** S61: Avoid release to the environment. Refer to special instructions / safety data sheets.

**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. OTHER INFORMATION**

**Other information:** For use as an antioxidant in a variety of polymer latices.

**Legal disclaimer:** Aquaspersions Limited shall not be held liable for any damage resulting from handling or from contact with the above product. Aquaspersions (M) Sdn Bhd shall not be held liable for any damage resulting from handling or from contact with the above product.

