



**SAFETY DATA SHEET**  
40% AQUANOX 45 DISPERSION

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

**Product name:** 40% AQUANOX 45 DISPERSION

**Product code:** fAQ45//40

**Company name:** Aquaspersions Ltd  
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**2. COMPOSITION / INFORMATION ON INGREDIENTS**

**3. HAZARDS IDENTIFICATION**

**Main hazards:** No significant hazard.

**Other hazards:** No other major hazards.

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

**Skin contact:** No symptoms.

**Eye contact:** May cause irritation and redness.

**Ingestion:** Unlikely to be harmful by ingestion.

**Inhalation:** It is unlikely that this substance will be inhaled, unless through aspiration, due to its physical properties.

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

**Skin contact:** Remove all contaminated clothes and footwear immediately unless stuck to skin. If a person feels unwell after coming into contact with this dispersion then seek medical advice.

**Eye contact:** Irrigate with plenty of water. Seek medical advice

**Ingestion:** Wash out mouth with water. Do not induce vomiting. Consult a doctor.

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

**5. FIRE-FIGHTING MEASURES**

**Extinguishing media:** Water. Carbon dioxide. Do not use water jet

**Exposure hazards:** Virtually non-flammable as supplied. Residue may support combustion.

**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. 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. Water repellent barrier cream

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

**Skin protection:** Wear suitable protective clothing. Water-repellent barrier cream.

**9. PHYSICAL AND CHEMICAL PROPERTIES**

**State:** Flowable aqueous dispersion.

**Colour:** White

**Odour:** Slight

**Evaporation rate:** Not tested

**Solubility in water:** Miscible

**Also soluble in:** No data.

**Viscosity:** 0 - 100 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:** 6.00

**10. STABILITY AND REACTIVITY**

**Stability:** Stable under normal conditions.

**Conditions to avoid:** Extremes of temperature. Protect from frost. Do not expose to temperatures exceeding 400oC

**Materials to avoid:** Oxidising agents. Acids.

**Haz. decomp. products:** Not tested

**11. TOXICOLOGICAL INFORMATION**

**Chronic toxicity:** Prolonged skin contact may cause allergy by defatting

**Routes of exposure:** Refer to section 4 of SDS for routes of exposure and corresponding symptoms.

**12. ECOLOGICAL INFORMATION**

**Mobility:** Miscible with water.

**Persistence and degradability:** No data available.

**Bioaccumulative potential:** No data available.

**Other adverse effects:** No data available.

**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:** 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. OTHER INFORMATION**

**Other information:** For use as a flame retardant in a variety of thermoplastics, polymers and fibres.

**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.

