



SAFETY DATA SHEET
40% AQUANOX 45 SUPERFINE

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Revision No: 1

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

Product name: 40% AQUANOX 45 SUPERFINE

Product code: fAQ45/40

Use of substance / preparation: For use as an antioxidant in a variety of polymer latices.

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2. HAZARDS IDENTIFICATION

Main hazards: No significant hazard.

3. COMPOSITION / INFORMATION ON INGREDIENTS

4. FIRST AID MEASURES (SYMPTOMS)

Skin contact: No symptoms.

Eye contact: There may be irritation and redness.

Ingestion: No symptoms.

Inhalation: There may be irritation of the throat with a feeling of tightness in the chest.

4. FIRST AID MEASURES (ACTION)

Skin contact: Remove all contaminated clothes and footwear immediately unless stuck to skin. Consult a doctor.

Eye contact: Bathe the eye with running water for 15 minutes. Consult a doctor.

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

Inhalation: Move to fresh air in case of accidental inhalation of vapours. Consult a doctor.

5. FIRE-FIGHTING MEASURES

Extinguishing media: Water. Carbon dioxide.

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: Refer to section 8 of SDS for personal protection details.

Environmental precautions: Do not discharge into drains or rivers.

Clean-up procedures: Wash the spillage site with large amounts of water. Absorb into dry earth or sand.

7. HANDLING AND STORAGE

- Handling requirements:** Ensure there is sufficient ventilation of the area.
- Storage conditions:** Store in cool, well ventilated area. Keep away from direct sunlight.
- Suitable packaging:** Must only be kept in original packaging.

8. EXPOSURE CONTROLS / PERSONAL PROTECTION

- Engineering measures:** Ensure there is sufficient ventilation of the area.
- Respiratory protection:** Respiratory protective device with particle filter.
- Hand protection:** Protective gloves.
- Eye protection:** Safety goggles. Ensure eye bath is to hand.
- Skin protection:** Protective clothing.

9. PHYSICAL AND CHEMICAL PROPERTIES

- State:** Liquid
- Colour:** White
- Odour:** Barely perceptible odour
- Solubility in water:** Miscible
- Viscosity:** 0 - 100 cps
- Boiling point/range°C:** 100
- Melting point/range°C:** 0
- Relative density:** 1.00 - 1.10
- pH:** 6.5 - 7.5

10. STABILITY AND REACTIVITY

- Stability:** Stable under normal conditions.
- Conditions to avoid:** Heat. Direct sunlight.
- Materials to avoid:** Oxidising agents. Acids.

11. TOXICOLOGICAL INFORMATION

- Acute toxicity:** 40% AQUANOX 45 SUPERFINE
- IHL Not tested
- ORL RAT LD50 >2000 mg/kg
- SKN GPG Not sensitising
- SKN RAT LD50 >2000 mg/kg
- SKN RBT Not irritant

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

12. ECOLOGICAL INFORMATION

- Ecotoxicity:** 40% AQUANOX 45 SUPERFINE
- ALGAE SCENEDESMUS 72H EBC50 >100 mg/l

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BACTERIA 72H IC50 >100 mg/l

DAPHNIA MAGNA 48H EC50 >137.5 mg/l

FISH BLUEGILLS 96H LC50 108 mg/l

Mobility: Soluble in water.**Persistence and degradability:** Not biodegradable.**Bioaccumulative potential:** No bioaccumulation potential.**13. DISPOSAL CONSIDERATIONS****Disposal of packaging:** Dispose of in a regulated landfill site or other method for hazardous or toxic wastes.**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****Legal disclaimer:** Aquaspersions Limited shall not be held liable for any damage resulting from handling or from contact with the above product.

