



**SAFETY DATA SHEET**  
45% AQUANOX 2246 DISPERSION

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

**Product name:** 45% AQUANOX 2246 DISPERSION

**Product code:** f2246/45C

**Use of substance / preparation:** Antioxidant for use in polymer latices.

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### 2. HAZARDS IDENTIFICATION

**Main hazards:** May cause long-term adverse effects in the aquatic environment. Possible risk of impaired fertility.

### 3. COMPOSITION / INFORMATION ON INGREDIENTS

**Hazardous ingredients:** ANTIOXIDANT 2246 30-50%  
CAS: 119-47-1  
[-] R53; [Xn] R62

### 4. FIRST AID MEASURES (SYMPTOMS)

**Skin contact:** There may be mild irritation at the site of contact.  
**Eye contact:** There may be irritation and redness.  
**Ingestion:** Nausea and stomach pain may occur.  
**Inhalation:** There may be irritation of the throat with a feeling of tightness in the chest.

### 4. FIRST AID MEASURES (ACTION)

**Skin contact:** Wash immediately with plenty of soap and water. Consult a doctor.  
**Eye contact:** Bathe the eye with running water for 15 minutes.  
**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 casualty from exposure ensuring one's own safety whilst doing so.

### 5. FIRE-FIGHTING MEASURES

**Extinguishing media:** Carbon dioxide. Water. Alcohol resistant foam. Dry chemical powder.  
**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.
- 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:** Beige
- Odour:** Characteristic odour
- Oxidising:** Non-oxidising (by EC criteria)
- Solubility in water:** Miscible
- Viscosity:** 0 to 600 cps.
- Boiling point/range°C:** 100
- Melting point/range°C:** 0
- pH:** 9.00 - 10.50

**10. STABILITY AND REACTIVITY**

- Stability:** Stable under normal conditions.
- Conditions to avoid:** Heat.
- Materials to avoid:** Strong acids. Bases.
- Haz. decomp. products:** In combustion emits toxic fumes.

**11. TOXICOLOGICAL INFORMATION**

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

**12. ECOLOGICAL INFORMATION**

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

**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**

**UN no:** Not Classified.

**IMDG / IMO**

**UN no:** Not Classified.

**IATA / ICAO**

**UN no:** Not Classified.

**15. REGULATORY INFORMATION**

**Hazard symbols:** Harmful.



**Risk phrases:** R53: May cause long-term adverse effects in the aquatic environment.  
R62: Possible risk of impaired fertility.

**Safety phrases:** S36/37: Wear suitable protective clothing and gloves.  
S61: Avoid release to the environment. Refer to special instructions / safety data sheets.

**Haz. ingredients (label):** ANTIOXIDANT 2246

**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:** Latex stabiliser.

**Risk phrases used in s.3:** R53: May cause long-term adverse effects in the aquatic environment.  
R62: Possible risk of impaired fertility.

**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.

