



## SAFETY DATA SHEET

50% BHT DISPERSION

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

**Product name:** 50% BHT DISPERSION

**Product code:** fBHT//50

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

### 2. COMPOSITION / INFORMATION ON INGREDIENTS

**Ingredient 1:** AMINE 1 <10%

[Xn] R48/22; [Xi] R41;

**Ingredient 2:** ACRYLIC POLYMER <10%

[Xn] R20/22;

### 3. HAZARDS IDENTIFICATION

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

**Other hazards:** No 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)

**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:** Avoid contact with skin. 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.

[cont...]

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**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. 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:** Off-white

**Odour:** Barely perceptible odour

**Viscosity:** 200 - 1000 cps.

**Oxidising:** No data

**Evaporation rate:** No data

**Solubility in water:** Miscible

**Also soluble in:** No data.

**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.

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**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** Danger of cumulative effects in contact with the skin.

**12. ECOLOGICAL INFORMATION**

**Mobility:** No data.

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

**Bioaccumulative potential:** No data.

**Other adverse effects:** Negligible ecotoxicity.

**13. DISPOSAL CONSIDERATIONS**

**Waste disposal:** Dispose of in a regulated landfill site or other method for hazardous or toxic wastes.

**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:** S25: Avoid contact with eyes.

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

**WGK:** 0

**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:** R48/22: Harmful: danger of serious damage to health by prolonged exposure if

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swallowed.

R41: Risk of serious damage to eyes.

R20/22: Harmful by inhalation and if swallowed.

**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.