



## SAFETY DATA SHEET

50% AQUANOX BHT

Page: 1

Compilation date: 10/02/2016

Revision No: 2

### Section 1: Identification of the substance/mixture and of the company/undertaking

#### 1.1. Product identifier

**Product name:** 50% AQUANOX BHT

**Product code:** fBHT//50

#### 1.2. Relevant identified uses of the substance or mixture and uses advised against

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

#### 1.3. Details of the supplier of the safety data sheet

**Company name:** Aquaspersions Ltd

Beacon Hill Road

Halifax

West Yorkshire

HX3 6AQ

**Tel:** 01422 386200

**Fax:** 01422 386239

**Email:** [technical@aquaspersions.co.uk](mailto:technical@aquaspersions.co.uk)

#### 1.4. Emergency telephone number

**Emergency tel:** 01422 386200

### Section 2: Hazards identification

#### 2.1. Classification of the substance or mixture

**Classification under CLP:** Aquatic Acute 1: H400; Aquatic Chronic 1: H410; -: EUH208

**Most important adverse effects:** Contains 1,2-benzisothiazolin-3-one. May produce an allergic reaction. Very toxic to aquatic life. Very toxic to aquatic life with long lasting effects.

#### 2.2. Label elements

**Label elements:**

**Hazard statements:** EUH208: Contains 1,2-benzisothiazolin-3-one. May produce an allergic reaction.

H400: Very toxic to aquatic life.

H410: Very toxic to aquatic life with long lasting effects.

**Signal words:** Warning

**Hazard pictograms:** GHS09: Environmental



**Precautionary statements:** P273: Avoid release to the environment.

P391: Collect spillage.

P501: Dispose of contents/container to landfill.

[cont...]

# SAFETY DATA SHEET

50% AQUANOX BHT

Page: 2

## 2.3. Other hazards

**PBT:** This product is not identified as a PBT/vPvB substance.

## Section 3: Composition/information on ingredients

### 3.2. Mixtures

#### Hazardous ingredients:

2,6-DI-TERT.-BUTYL-P-CRESOL - REACH registered number(s): 01-2119555270-46

EINECS	CAS	PBT / WEL	CLP Classification	Percent
204-881-4	128-37-0	-	Aquatic Chronic 1: H410; Aquatic Acute 1: H400	30-50%

## Section 4: First aid measures

### 4.1. Description of first aid measures

**Skin contact:** Wash immediately with plenty of soap and water.

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

**Ingestion:** Wash out mouth with water. Consult a doctor.

**Inhalation:** Remove casualty from exposure ensuring one's own safety whilst doing so.

### 4.2. Most important symptoms and effects, both acute and delayed

**Skin contact:** There may be irritation and redness at the site of contact.

**Eye contact:** There may be pain and redness.

**Ingestion:** There may be soreness and redness of the mouth and throat.

**Inhalation:** No symptoms.

### 4.3. Indication of any immediate medical attention and special treatment needed

## Section 5: Fire-fighting measures

### 5.1. Extinguishing media

**Extinguishing media:** Water. Carbon dioxide. Alcohol or polymer foam.

### 5.2. Special hazards arising from the substance or mixture

### 5.3. Advice for fire-fighters

**Advice for fire-fighters:** Wear protective clothing to prevent contact with skin and eyes.

## Section 6: Accidental release measures

### 6.1. Personal precautions, protective equipment and emergency procedures

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

### 6.2. Environmental precautions

**Environmental precautions:** Do not discharge into drains or rivers.

[cont...]

# SAFETY DATA SHEET

50% AQUANOX BHT

Page: 3

## 6.3. Methods and material for containment and cleaning up

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

## 6.4. Reference to other sections

**Reference to other sections:** Refer to section 8 of SDS.

## Section 7: Handling and storage

### 7.1. Precautions for safe handling

**Handling requirements:** Ensure there is sufficient ventilation of the area. Avoid the formation or spread of mists in the air.

### 7.2. Conditions for safe storage, including any incompatibilities

**Storage conditions:** Store in a cool, well ventilated area.

**Suitable packaging:** Must only be kept in original packaging.

### 7.3. Specific end use(s)

## Section 8: Exposure controls/personal protection

### 8.1. Control parameters

**Hazardous ingredients:**

2,6-DI-TERT.-BUTYL-P-CRESOL

**Workplace exposure limits:**

**Respirable dust**

State	8 hour TWA	15 min. STEL	8 hour TWA	15 min. STEL
EU	10mg/m3	-	-	-

### DNEL/PNEC Values

**DNEL / PNEC** No data available.

### 8.2. Exposure controls

**Engineering measures:** Ensure there is sufficient ventilation of the area.

**Respiratory protection:** Respiratory protection not required.

**Hand protection:** Protective gloves.

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

**Skin protection:** Wear suitable protective clothing.

## Section 9: Physical and chemical properties

### 9.1. Information on basic physical and chemical properties

**State:** Liquid

**Colour:** Off-white

**Odour:** Characteristic odour

**Evaporation rate:** Negligible

[cont...]

# SAFETY DATA SHEET

50% AQUANOX BHT

Page: 4

**Solubility in water:** Miscible in all proportions

**Viscosity:** Non-viscous

**Boiling point/range°C:** 100

**Melting point/range°C:** 0

**Relative density:** 1.00 to 1.10

**pH:** 9.00 to 11.00

## 9.2. Other information

**Other information:** No data available.

## Section 10: Stability and reactivity

### 10.1. Reactivity

**Reactivity:** Stable under recommended transport or storage conditions.

### 10.2. Chemical stability

**Chemical stability:** Stable under normal conditions.

### 10.3. Possibility of hazardous reactions

**Hazardous reactions:** Hazardous reactions will not occur under normal transport or storage conditions.

### 10.4. Conditions to avoid

**Conditions to avoid:** Direct sunlight.

### 10.5. Incompatible materials

**Materials to avoid:** Strong acids. Strong bases. Strong oxidising agents.

### 10.6. Hazardous decomposition products

## Section 11: Toxicological information

### 11.1. Information on toxicological effects

**Hazardous ingredients:**

**2,6-DI-TERT.-BUTYL-P-CRESOL**

ORAL	RAT	LD50	>5000	mg/kg
------	-----	------	-------	-------

**Toxicity values:** No data available.

### Symptoms / routes of exposure

**Skin contact:** There may be irritation and redness at the site of contact.

**Eye contact:** There may be pain and redness.

**Ingestion:** There may be soreness and redness of the mouth and throat.

**Inhalation:** No symptoms.

## Section 12: Ecological information

### 12.1. Toxicity

**Ecotoxicity values:** No data available.

[cont...]

# SAFETY DATA SHEET

50% AQUANOX BHT

Page: 5

## 12.2. Persistence and degradability

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

## 12.3. Bioaccumulative potential

**Bioaccumulative potential:** No data available.

## 12.4. Mobility in soil

## 12.5. Results of PBT and vPvB assessment

**PBT identification:** This product is not identified as a PBT/vPvB substance.

## 12.6. Other adverse effects

**Other adverse effects:** Very toxic to aquatic organisms.

## Section 13: Disposal considerations

### 13.1. Waste treatment methods

**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.

## Section 14: Transport information

### 14.1. UN number

**UN number:** UN3082

### 14.2. UN proper shipping name

**Shipping name:** ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S.  
(2,6-DI-TERT.-BUTYL-PCRESOL)

### 14.3. Transport hazard class(es)

**Transport class:** 9

### 14.4. Packing group

**Packing group:** III

### 14.5. Environmental hazards

**Environmentally hazardous:** Yes

**Marine pollutant:** No

### 14.6. Special precautions for user

## Section 15: Regulatory information

### 15.1. Safety, health and environmental regulations/legislation specific for the substance or mixture

### 15.2. Chemical Safety Assessment

[cont...]

# SAFETY DATA SHEET

50% AQUANOX BHT

Page: 6

## Section 16: Other information

### Other information

**Other information:** This safety data sheet is prepared in accordance with Commission Regulation (EU) No 453/2010.

\* indicates text in the SDS which has changed since the last revision.

**Phrases used in s.2 and s.3:** EUH208: Contains <name of sensitising substance>. May produce an allergic reaction.

H400: Very toxic to aquatic life.

H410: Very toxic to aquatic life with long lasting effects.

**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. This company shall not be held liable for any damage resulting from handling or from contact with the above product.