



SAFETY DATA SHEET
45% AQUANOX 2246 BKF DISPERSION

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

1.1. Product identifier

Product name: 45% AQUANOX 2246 BKF DISPERSION
Product code: f2246/45BKF

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

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 Chronic 4: H413; Repr. 2: H361f

Most important adverse effects: Suspected of damaging fertility. May cause long lasting harmful effects to aquatic life.

2.2. Label elements

Label elements:

Hazard statements: H361f: Suspected of damaging fertility.
H413: May cause long lasting harmful effects to aquatic life.

Signal words: Warning

Hazard pictograms: GHS08: Health hazard



Precautionary statements: P202: Do not handle until all safety precautions have been read and understood.
P273: Avoid release to the environment.
P281: Use personal protective equipment as required.
P308+313: IF exposed or concerned: Get medical advice.

[cont...]

SAFETY DATA SHEET

45% AQUANOX 2246 BKF DISPERSION

Page: 2

P405: Store locked up.

P501: Dispose of contents/container to in accordance with local regulation.

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:

2,2'-METHYLENE-BIS-(4-METHYL-6-TERT-BUTYLPHENOL) - REACH registered number(s): 01-2119496065-33

EINECS	CAS	PBT / WEL	CLP Classification	Percent
204-327-1	119-47-1	-	Aquatic Chronic 4: H413; Repr. 2: H361f	30-50%

Section 4: First aid measures

4.1. Description of first aid measures

Skin contact: Wash immediately with plenty of soap and water. Remove all contaminated clothes and footwear immediately unless stuck to skin. Drench the affected skin with running water for 10 minutes or longer if substance is still on skin.

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

Ingestion: Wash out mouth with water. If conscious, give half a litre of water to drink immediately. Do not induce vomiting. If unconscious, check for breathing and apply artificial respiration if necessary. Consult a doctor.

Inhalation: Remove casualty from exposure ensuring one's own safety whilst doing so. If conscious, ensure the casualty sits or lies down. If unconscious and breathing is OK, place in the recovery position. Consult a doctor.

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

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.

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

Section 5: Fire-fighting measures

5.1. Extinguishing media

Extinguishing media: Carbon dioxide. Water. Alcohol resistant foam. Dry chemical powder.

5.2. Special hazards arising from the substance or mixture

Exposure hazards: In combustion emits toxic fumes of carbon dioxide / carbon monoxide.

[cont...]

SAFETY DATA SHEET

45% AQUANOX 2246 BKF DISPERSION

Page: 3

5.3. Advice for fire-fighters

Advice for fire-fighters: Wear self-contained breathing apparatus. 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: 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.

6.2. Environmental precautions

Environmental precautions: Do not discharge into drains or rivers. Contain the spillage using bunding.

6.3. Methods and material for containment and cleaning up

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.

6.4. Reference to other sections

Section 7: Handling and storage

7.1. Precautions for safe handling

Handling requirements: Ensure there is sufficient ventilation of the area. Avoid direct contact with the substance.

7.2. Conditions for safe storage, including any incompatibilities

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

Suitable packaging: Stainless steel. Polyethylene.

7.3. Specific end use(s)

Section 8: Exposure controls/personal protection

8.1. Control parameters

Workplace exposure limits: No data available.

DNEL/PNEC Values

DNEL / PNEC No data available.

8.2. Exposure controls

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.

Environmental: Ensure emissions from ventilation or equipment comply with environmental protection legislation.

[cont...]

SAFETY DATA SHEET

45% AQUANOX 2246 BKF DISPERSION

Page: 4

Section 9: Physical and chemical properties

9.1. Information on basic physical and chemical properties

State: Liquid

Colour: Beige

Odour: Characteristic odour

Oxidising: Non-oxidising (by EC criteria)

Solubility in water: Miscible

Viscosity: Non-viscous

Boiling point/range°C: 100

Melting point/range°C: 0

Relative density: 1.00 - 1.10

pH: 9.00 - 10.50

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: Not applicable.

10.4. Conditions to avoid

Conditions to avoid: Heat.

10.5. Incompatible materials

Materials to avoid: Strong acids. Bases.

10.6. Hazardous decomposition products

Haz. decomp. products: In combustion emits toxic fumes of carbon dioxide / carbon monoxide.

Section 11: Toxicological information

11.1. Information on toxicological effects

Toxicity values:

Route	Species	Test	Value	Units
DERMAL	RBT	LD50	>10000	mg/kg
DERMAL	RAT	LD50	>10000	mg/kg

[cont...]

SAFETY DATA SHEET

45% AQUANOX 2246 BKF DISPERSION

Page: 5

Hazardous ingredients:

2,2'-METHYLENE-BIS-(4-METHYL-6-TERT-BUTYLPHENOL)

DERMAL	RAT	LD50	>5000	mg/kg
DERMAL	RBT	LD50	>5000	mg/kg

Relevant hazards for substance:

Hazard	Route	Basis
Reproductive toxicity	--	Hazardous: calculated

Symptoms / routes of exposure

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.

Section 12: Ecological information

12.1. Toxicity

Ecotoxicity values:

Species	Test	Value	Units
Daphnia magna	48H EC50	9.6	mg/l

Hazardous ingredients:

2,2'-METHYLENE-BIS-(4-METHYL-6-TERT-BUTYLPHENOL)

Daphnia magna	48H EC50	>4.8	mg/l
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12.2. Persistence and degradability

Persistence and degradability: Only slightly biodegradable.

12.3. Bioaccumulative potential

Bioaccumulative potential: Bioaccumulation potential.

12.4. Mobility in soil

Mobility: No data available.

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: Negligible ecotoxicity.

[cont...]

SAFETY DATA SHEET
45% AQUANOX 2246 BKF DISPERSION

Page: 6

Section 13: Disposal considerations

13.1. Waste treatment methods

Disposal operations: In accordance with the local or national legislation.

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.

Section 14: Transport information

Transport class: This product does not require a classification for transport.

Section 15: Regulatory information

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

15.2. Chemical Safety Assessment

Section 16: Other information

Other information

Phrases used in s.2 and s.3: H361f: Suspected of damaging fertility.

H413: May cause long lasting harmful effects to aquatic life.

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.