

Publication date:
26/11/2018Revision date
06/12/2018

TRIBOR TEN

1. Identification of the substance/mixture and of the company/undertaking

1.1. Product Identifier

Product Name: TRIBOR TEN – Professional Wood Preserver

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

Use of substance/mixture: PC8: Biocidal products (e.g. Disinfectants, pest control).

1.3. Details of the supplier of the safety data sheet

Company name: Triton Chemical Manufacturing Co Ltd

Unit 3-5 Crayford Commercial Centre

Greyhound Way

Crayford

Kent

DA1 4HF

United Kingdom

Tel: +44 (0) 1332 318830

Fax: +44 (0) 1332 524017

Email: info@tritonchemical.co.uk

1.4. Emergency Telephone Number

Emergency tel: +44 (0) 1332 318830

2. Hazards identification

2.1. Classification of the substance or mixture

Classification under CLP: Eye Dam. 1: H318; Repr. 1B: H360FD; Aquatic Chronic 3: H412; Skin Irrit. 2: H315

Most important adverse effects: Causes skin irritation. Causes serious eye damage. May damage fertility. May damage the unborn child. Harmful to aquatic life with long lasting effects.

2.2. Label elements

Label elements:

Hazard statements: H315: Causes skin irritation.
H318: Causes serious eye damage.
H360FD: May damage fertility. May damage the unborn child.
H412: Harmful to aquatic life with long lasting effects.

Signal Words: Danger

Hazard pictograms: GHS05: Corrosion
GHS08: Health hazard





Precautionary statements:

P201: Obtain special instructions before use.

P280: Wear protective gloves/protective clothing/eye protection/face protection.

P302+352: IF ON SKIN: Wash with plenty of water/soap.

P305+351+338: IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.

P310: Immediately call a POISON CENTER/doctor.

P321: Specific treatment (see instructions on this label).

P202: Do not handle until all safety precautions have been read and understood.

P264: Wash hands thoroughly after handling.

P273: Avoid release to the environment.

P281: Use personal protective equipment as required.

P332+313: If skin irritation occurs: Get medical advice/attention.

P362: Take off contaminated clothing.

P501: Dispose of contents/container to in accordance with regional, national and international regulations.

2.3. Other hazards

Other hazards: Danger of serious damage to health by prolonged exposure.

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

3. Composition/information on ingredients

3.1. Mixtures

Hazardous ingredients:

DISODIUM OCTABORATE TETRAHYDRATE

EINECS	CAS	PBT / WEL	CLP Classification	Percent
234-541-0	12280-03-4	-	Repr. 1B: H360FD	1-10%

QUATERNARY AMMONIUM COMPOUNDS, BENZYL (C12 – C16) ALKYL DIMETHYL CHLORIDES

EINECS	CAS	PBT / WEL	CLP Classification	Percent
234-541-0	12280-03-4	-	Repr. 1B: H360FD	1-10%

Contains: Benzyl Ammonium Chloride

Disodium Octaborate

4. First aid measures

4.1. Description of first aid measures

Skin contact: 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.

Consult a doctor.

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

Inhalation: No symptoms.

Delayed/immediate effects: Delayed effects can be expected after long-term exposure.

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

Immediate/special treatment: Not applicable.

5. Fire-fighting measures

5.1. Extinguishing media

Extinguishing media: Suitable extinguishing media for the surrounding fire should be used. Use water spray to cool containers.

5.2. Special hazards arising from the substance or mixture

Exposure hazards: In combustion emits toxic fumes.

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.

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. Contain the spillage using bunding. Alert the neighbourhood to the presence of fumes or gas.

6.3. Methods and material for containment and cleaning up

Clean-up procedures: Absorb into dry earth or sand. Clean-up should be dealt with only by qualified personnel familiar with the specific substance.

6.4. Reference to other sections

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

7. Handling and storage

7.1. Precautions for safe handling

Handling requirements: Ensure there is sufficient ventilation of the area.

7.2. Conditions for safe storage, including any incompatibilities

Storage conditions: Store in a cool, well ventilated area. Keep container tightly closed.



Suitable packaging: Must only be kept in original packaging.

7.3. Specific end use(s)

Specific end use(s): No Data available.

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: Impermeable gloves.

Eye protection: Safety glasses. Ensure eye bath is to hand.

Skin protection: Impermeable protective clothing.

9. Exposure controls/personal protection

9.1. Information on basic physical and chemical properties

State: Liquid

Colour: Colourless

Odour: Barely perceptible odour

Evaporation rate: No data available

Oxidising: No data available

Solubility in water: Miscible

Viscosity: Non-viscous

Boiling point/range°C: No data available

Flammability limits %: lower: No data available

Flash point°C: No data available

Autoflammability°C: No data available.

Relative density: No data available

VOC g/l: No data available

Melting point/range°C: No data available

Upper: No data available

Part.coeff. n-octanol/water: No data available

Vapour pressure: No data available

pH: No data available

9.2. Other information

Other information: No data available

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.

Decomposition may occur on exposure to conditions or materials listed below.

10.4. Conditions to avoid

Conditions to avoid: Heat. Hot surfaces. Flames.

10.5. Incompatible materials

Materials to avoid: Strong oxidising agents. Strong acids.

10.6. Hazardous decomposition products

Haz. Decomp. Products: In combustion emits toxic fumes.

11. Toxicological information**11.1. Information on toxicological effects**

Hazardous ingredients:

DISODIUM OCTABORATE TETRAHYDRATE

ORAL	RAT	LD50	2550	mg/kg
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Relevant hazards for product:

Hazard	Route	Basis
Skin corrosion/irritation	DRM	Hazardous: calculated
Serious eye damage/irritation	OPT	Hazardous: calculated
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: There may be soreness and redness of the mouth and throat.

Inhalation: No symptoms.

Delayed/immediate effects: Delayed effects can be expected after long-term exposure.

Other information: Reproductive toxicity: Category 2: May damage fertility or the unborn child.

Disodium octaborate tetrahydrate: No experimental test data. However, animal feeding studies with boric acid and sodium tetraborate in rat, mouse and dog, at high doses have demonstrated effects on fertility and testes. Studies with chemically related boric acid in rat, mouse and rabbit at high doses, demonstrate developmental effects on the foetus including foetal weight loss and minor skeletal variations. The lowest NOAEL is 9.6 mg B/kg in rats, based on developmental effects. The doses administered were many times in excess of those which humans would normally be exposed to.

12. Ecological information**12.1. Toxicity**

Hazardous ingredients:



DISODIUM OCTABORATE TETRAHYDRATE

DAPHNIA	48H EC50	530	mg/l
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12.2. Persistence and degradability

Persistence and degradability: Biodegradable.

12.3. Bioaccumulative potential

Bioaccumulative potential: No bioaccumulation potential.

12.4. Mobility in soil

Mobility: Readily absorbed into 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: Negligible ecotoxicity.

13. Disposal considerations

13.1. Waste treatment methods

Disposal operations: Transfer to a suitable container and arrange for collection by specialised disposal company.

NB: The user's attention is drawn to the possible existence of regional or national regulations regarding disposal.

14. Transport information

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

15. Regulatory information

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

15.2. Chemical safety assessment

16. Other information

Other information

Other information: This safety data sheet is prepared in accordance with Commission Regulation (EU) No 2015/830.

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

This safety data sheet is prepared in accordance with Commission Regulation (EC) No1272/2008.

Acronyms and Abbreviations

OPT – Optical

Phrases used in s.2 and s.3: H302: Harmful if swallowed.

H314: Causes severe skin burns and eye damage.

H315: Causes skin irritation.

H318: Causes serious eye damage.



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H360FD: May damage fertility. May damage the unborn child.

H400: Very toxic to aquatic life.

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

H412: Harmful 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.