
SAFETY DATA SHEET

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

1.1 Product identifier

- Product Name: BWT ONE SHOT

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

- Use of the substance/mixture:
- Boiler water treatment

1.3 Details of the supplier of the safety data sheet

Company:

Unimarine Services Inc.
60 Market Square,
PO Box 364, Belize City

Contact your nearest Unimarine sales office

Representative office in Greece:

Email: info@unimarine.gr
Tel: +30 210 9957279

1.4 Emergency Telephone Number

Emergency Telephone: Only to be used in case of incident
Tel: 00357 25 662068

2. Hazards identification

2.1 Classification of the substance or mixture

- Council Directive 1999/45/EEC Classification, packing and labelling of dangerous preparations.
- Refer to current The Dangerous Substances Directive (67/548/EEC)
- Symbols: Xi
- Irritating to eyes and skin (R36/38)
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- Regulations 1272/2008/EEC. Classification, labeling and packing of dangerous substances and preparations

2. Hazards identification

- Signal Word: Warning
- Symbols: GHS07
- Eye Irrit. 2
- Skin Irrit. 2
- STOT SE 3

2.2 Label elements



- Signal Word: Warning
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- Contains:
- SODIUM CARBONATE - TRISODIUMPHOSPHATE
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- Hazard phrases
 - Causes serious eye irritation (H319).
 - Causes skin irritation (H315).
 - May cause respiratory irritation (H335).
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- Precautionary Phrases
 - Wear protective gloves/protective clothing/eye protection/face protection (P280).
 - IF ON SKIN: Immerse in cool water/wrap in wet bandages (P302+P334).
 - IF INHALED: Remove victim to fresh air and keep at rest in a position comfortable for breathing (P304+P340).
 - IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing (P305+P351+P338).
 - Call a POISON CENTER or doctor/physician (P311).

2.3 Other hazards

- Not applicable
- Not a PBT according to REACH Annex XIII
- Odour: Odourless
- Appearance: powder, brown, soluble in water

3. Composition/information on ingredients

3.1 Mixtures

- sodium carbonate
 - Concentration: 30-60%
 - CAS Number: 497-19-8
 - EC Number: 207-838-8
 - Symbols: Xi, GHS07
 - R/H Phrases: R36 - H319
 - Categories: Eye Irrit. 2
- Trisodiumphosphate
 - Concentration: 10-30%
 - CAS Number: 7601-54-9
 - EC Number: 231-509-8

3. Composition/information on ingredients

Symbols: Xi, GHS07

R/H Phrases: R36/38 - H319, H315, H335

Categories: Eye Irrit. 2, Skin Irrit. 2, STOT SE 3

4. First aid measures

4.1 Description of first aid measures

- IF ON SKIN (or hair): Remove/Take off immediately all contaminated clothing. Rinse skin with water/shower (P303+P361+P353).
- Contaminated clothing should be laundered before reuse
- When in doubt or symptoms persist, seek medical attention
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- IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing (P305+P351+P338).
- Seek medical attention if irritation persists
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- IF INHALED: If breathing is difficult, remove victim to fresh air and keep at rest in a position comfortable for breathing (P304+P341).
- When in doubt or symptoms persist, seek medical attention
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- IF SWALLOWED: rinse mouth. Do NOT induce vomiting (P301+P330+P331).
- Give plenty of water to drink
- Never make an unconscious person vomit or drink fluids
- When in doubt or symptoms persist, seek medical attention

4.2 Most important symptoms and effects, both acute and delayed

- Causes redness and irritation
- Vapours or aerosols may cause irritation of eyes, nose and respiratory tract

4.3 Indication of any immediate medical attention and special treatment needed

- No information available
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5. Fire-fighting measures

5.1 Extinguishing media

- Not flammable. In case of fire use extinguishing media appropriate to surrounding conditions

5.2 Special hazards arising from the substance or mixture

- Reaction products may include carbon oxides

5.3 Advice for firefighters

- Wear Positive-Pressure Breathing Apparatus
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6. Accidental release measures

6.1 Personal precautions, protective equipment and emergency procedures

- Wear protective clothing as per section 8

6.2 Environmental Precautions

- No special precautions are required for this product

6.3 Methods and material for containment and cleaning up

- Sweep or shovel-up spillage and remove to a safe place
- Flush spill area with copious amounts of water

6.4 Reference to other sections

- None
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7. Handling and storage

7.1 Precautions for safe handling

- Wear protective clothing as per section 8
- Eyewash bottles should be available
- Do not get in eyes, on skin, or on clothing (P262).

7.2 Conditions for safe storage, including any incompatibilities

- Keep in a cool, dry, well ventilated place

7.3 Specific end use(s)

- Contact supplier for further information
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8. Exposure controls/personal protection

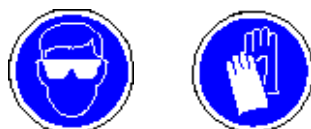
8.1 Control parameters

- There are no recommended or established controls for this product

8.2 Exposure controls

- No special precautions are required for this product

8.3 Occupational exposure controls



- Wear suitable protective clothing, including eye/face protection and gloves (plastic or rubber are recommended)
 - Respiratory protection may be required under exceptional circumstances when excessive air contamination exists
 - Wear suitable respiratory protection. Gas cartridge (organic substances).
 - Use good personal hygiene practices
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9. Physical and chemical properties

9.1 Information on basic physical and chemical properties

- Odour: Odourless
- Appearance: powder, brown, soluble in water
- pH 11 at 1 % concentration
- Density: Density 1 g/cm³

9.2 Other information

- No information available
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10. Stability and reactivity

10.1 Reactivity

- This article is considered stable under normal conditions

10.2 Possibility of hazardous reactions

- No hazardous reactions known if used for its intended purpose

10.3 Incompatible materials

- Incompatible with acid

10.4 Conditions to avoid

- Avoid overheating

10.5 Hazardous Decomposition Products

10. Stability and reactivity

- No hazardous decomposition products known
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11. Toxicological information

11.1 Information on toxicological effects

- No experimental data available

11.2 Contact with eyes

- Causes redness and irritation

11.3 Contact with skin

- May cause irritation

11.4 Ingestion

- The ingestion of significant quantities may cause gastro-intestinal disturbances

11.5 Inhalation

- May cause irritation
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12. Ecological information

12.1 Toxicity

12.2 Persistence and degradability

- Its main ingredients will either dissolve rapidly and dissociate in water or are readily/inherently biodegradable.

12.3 Bioaccumulation Potential

- Bioaccumulation of the components in this product is insignificant.

12.4 Mobility in soil

- Completely soluble in water

12.5 Results of PBT and vPvB assessment

- Not a PBT according to REACH Annex XIII

12.6 Other Adverse Effects

- Presents little or no hazard to the environment
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13. Disposal considerations

13.1 Waste treatment methods

- Do not discharge into drains or the environment, dispose to an authorised waste collection point
- Disposal should be in accordance with local, state or national legislation

13.2 Classification

- EU Waste class: NONE
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14. Transport information

14.1 UN

- UN No.: Not applicable
- Proper Shipping Name: Not applicable
- Hazard Class: Not applicable
- Packing Group: Not applicable

Not classified as hazardous for transport

14.2 Environmental hazards

14. Transport information

- Not Classified
- 14.3 Special precautions for user
 - Not classified as hazardous for transport
- 14.4 Transport in bulk according to Annex II of MARPOL 73/78 and the IBC code
 - Not Classified
- 14.5 Road/Rail (ADR/RID)
 - ADR UN No.: Not applicable
 - Proper Shipping Name: Not applicable
 - ADR Hazard Class: Not applicable
 - ADR subrisk: Not applicable
 - ADR Packing Group: Not applicable
- 14.6 Sea (IMDG)
 - IMDG UN No.: Not applicable
 - Proper Shipping Name: Not applicable
 - IMDG Hazard Class: Not applicable
 - IMDG subrisk: Not applicable
 - IMDG Pack Group.: Not applicable
 - IMDG EmS: Not applicable
- 14.7 Air (ICAO/IATA)
 - ICAO UN No.: Not applicable
 - Proper Shipping Name:
 - ICAO Packing Group: Not applicable
 - ICAO Hazard Class: Not applicable
 - ICAO subrisk: Not applicable
- 14.8 DOT / CFR (US Department of Transportation)
 - Identification Number: Not applicable
 - DOT Proper Shipping Name: Not applicable
 - DOT Labels: Not applicable
 - Product RQ (lbs): Not applicable

15. Regulatory information

- 15.1 Safety, health and environmental regulations/legislation specific for the substance or mixture
 - This Safety Data Sheet has been prepared in accordance with article 31 and annex II in REACH and Directive 453/2010/EU.
 - Refer to current The Dangerous Substances Directive (67/548/EEC)
 - Council Directive 1999/45/EEC Classification, packing and labelling of dangerous preparations.
 - Classification according to Regulation (EC) No 1272/2008
 - This product is approved by the Norwegian Health Authorities and listed in Approved/evaluated chemicals for use in potable water supply onshore and offshore.
- 15.2 Chemical Safety Assessment
 - None

16. Other information

The information contained herein relates only to the specific material identified. Unimarine Services Inc. Believes that such information is accurate and reliable as of the date of this material safety data sheet, but no representation, guarantee or warranty, express or implied, is made as to the accuracy, reliability, or completeness of the information. Unimarine Services Inc. urges persons receiving this information to make their own determination as to the information's suitability and completeness for their particular application