



SAFETY DATA SHEET

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

1.1 Product identifier

- Product Name: COMBITREAT
- Product Part Number: 571265 (25 kg)

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

- Name of Supplier: Wilhelmsen Ships Service AS
- Address of Supplier: Willem Barentzstraat 50, 3165AB Rotterdam, The Netherlands
- Telephone: Telephone: +31 4877 777 Fax: +31 4877 888
-
- Head office: Wilhelmsen Ships Service AS
- Strandveien 20, N1324 Lysaker
- Norway, Tel: (47) 6349 440 35
-
-
- Other suppliers SEE SECTION 16!!!
- For quotations contact your local Customer Services
-
- Responsible Person: Product HSE Manager
- Telephone: +31 10 4877775
- Email: WSS.GLOBAL.SDSINFO@wilhelmsen.com
- Email: WSS.GLOBAL.SDSINFO@wilhelmsen.com

1.4 Emergency telephone number

- ****ONLY TO BE USED IN CASE OF AN INCIDENT****
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- International 24hrs Emergency NCEC:+ 44 1865 407333
- American 24hrs Emergency CHEMTREC (800) 424 9300
- American Chemistry Council 24hrs +1 703 527 3887
- Greece: Poisoning emergency center, +30 210 7793777
- Norway: Poison information centre, +47 22591300
- Sweden: Poison information centre, +46 08 33 12 31
- China NRCC 24hrs emergency telephone number: +86-0532-8388 9090
- Wilhelmsen Ships Service, Melbourne, AUSTRALIA Emergency 24hrs: +61 3 9630 0998

SECTION 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

SECTION 2 Hazards identification (....)

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

2.2 Label elements



- Signal Word: Warning
-
- 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

SECTION 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

SECTION 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

SECTION 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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SECTION 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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SECTION 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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SECTION 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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SECTION 8 Exposure controls/personal protection

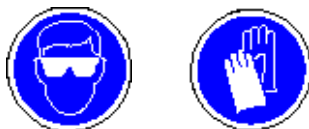
8.1 Control parameters

- 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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SECTION 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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SECTION 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

SECTION 10 Stability and reactivity (....)

- No hazardous decomposition products known
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SECTION 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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SECTION 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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SECTION 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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SECTION 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

SECTION 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
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SECTION 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
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SECTION 16 Other information

Text not given with phrase codes where they are used elsewhere in this safety data sheet:- H315: Causes skin irritation. H319: Causes serious eye irritation. H335: May cause respiratory irritation. R36: Irritating to eyes. R36/38: Irritating to eyes and skin.

~~The data given here is based on current knowledge and experience. This Safety Data Sheet~~
~~Describes the product in terms of safety requirements and does not signify any warranty with~~
~~regard to the product's properties~~

SECTION 16 Other information (....)

The data given here only applies when product used for proper application(s). The product is not sold as suitable for other applications - usage in such may cause risks not mentioned in this sheet. Do not use for other application(s) without seeking advice from manufacturer

The information provided about the product on this Safety Data Sheet has been compiled from knowledge of the individual constituents

The most up-to-date version of this MSDS can be found on www.wilhelmsen.com/shipsservice

OTHER CONTACT INFORMATION MAJOR CHEMICAL OFFICES

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