
SAFETY DATA SHEET

SECTION 1 Identification of the substance or preparation and of the company/undertaking**1.1 Product identifier**

- Product Name: TEAK RENEWER
- Product Part Number: 758623 (20 kg)
- REACH REG. NO: 01-2119534576-33-0002

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

- Cleaning agent

1.3 Details of the supplier of the safety data sheet**Head Office:**

Wilhelmsen Ships Service AS
Strandveien 20, N1324 Lysaker,
Norway Tel: (47) 6349 440 35

Supplier:

Wilhelmsen Ships Service AS
Willem Barentszstraat 50
3165AB Rotterdam
Telephone: +31 4877 777
Fax: +31 4877 888
The Netherlands

Other suppliers SEE SECTION 16!!!

For quotations contact your local Customer Services

- Responsible Person:

Product HSE Manager, Tel.: +31 10 4877775
Email: WSS.GLOBAL.SDSINFO@wilhelmsen.com

1.4 Emergency telephone number

-ONLY TO BE USED IN CASE OF AN INCIDENT-

NCEC:+44 1865 407333, CHEMTREC (800) 424 9300

American Chemistry Council +1 703 527 3887,

Greece +30 210 7793777 Australia: +61 3 9630 0998

Giftinformasjonsentralen in Norway Tel.: +47 22591300

Wilhelmsen Ships Service, Melbourne, AUSTRALIA Emergency 24hrs: +61 3 9630 0998

****FOR QUOTATIONS PLEASE CONTACT YOUR LOCAL CUSTOMER SERVICES****

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: Xn
- Harmful in contact with skin and if swallowed (R21/22)
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- Regulations 1272/2008/EEC. Classification, labeling and packing of dangerous substances and preparations
- Symbols: GHS07
- Signal Word: Warning

SECTION 2 Hazards identification (....)

- Acute Tox. 4
- Harmful if swallowed (H302).
- Harmful in contact with skin (H312).

2.2 Label elements



- Signal Word: Warning
- Acute Tox. 4
-
- Contains:
 - oxalic acid
-
- Hazard phrases
 - Harmful if swallowed (H302).
 - Harmful in contact with skin (H312).
- Precautionary Phrases
 - Wear protective gloves/protective clothing/eye protection/face protection (P280).
 - IF ON SKIN: Wash with plenty of soap and water (P302+P352).
 - IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing (P305+P351+P338).
 - IF SWALLOWED: Call a POISON CENTER or doctor/physician if you feel unwell (P301+P312).

2.3 Other hazards

- Odour: Odourless
- Appearance: powder, white, soluble in water
- Contact with eyes: Causes redness and irritation
- Inhalation: May cause irritation
- Not a PBT according to REACH Annex XIII

SECTION 3 Composition/information on ingredients

3.1 Mixtures

- oxalic acid
 - Concentration: 60-100%
 - CAS Number: 144-62-7
 - EC Number: 205-634-3
 - R/H Phrases: R21/22 - H302, H312
 - Symbols: Xn, GHS07
 - Categories: Acute Tox. 4

SECTION 4 First aid measures

4.1 Description of first aid measures

- IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing (P305+P351+P338).
- IF INHALED: If breathing is difficult, remove victim to fresh air and keep at rest in a position comfortable for breathing (P304+P341).
- IF ON SKIN (or hair): Remove/Take off immediately all contaminated clothing. Rinse skin with water/shower (P303+P361+P353).
- IF SWALLOWED: rinse mouth. Do NOT induce vomiting (P301+P330+P331).
- IF SWALLOWED: Immediately call a POISON CENTER or doctor/physician (P301+P310).
- When in doubt or symptoms persist, seek medical attention

SECTION 4 First aid measures (....)

4.2 Most important symptoms and effects, both acute and delayed

- The ingestion of significant quantities may cause damage to mucous membranes
- In cases of severe exposure, redness and irritation may develop

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

- See Section 10

5.3 Advice for firefighters

- Substance evolves toxic fumes, wear self-contained 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
- Avoid raising dust

6.2 Environmental Precautions

- Do not allow to enter public sewers and watercourses

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

- See Section 13
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SECTION 7 Handling and storage

7.1 Precautions for safe handling

- Wear protective clothing as per section 8
- Do not breathe dust/fume/gas/mist/vapours/spray (P260).
- Do not get in eyes, on skin, or on clothing (P262).
- Eyewash bottles should be available

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

- oxalic acid
 - WEL (short term) 2 mg/m³
 - WEL (long term) 1 mg/m³

8.2 Exposure controls

- Ensure adequate ventilation
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SECTION 8 Exposure controls/personal protection (....)

8.3 Occupational exposure controls



- Wear suitable protective clothing, including eye/face protection and gloves (plastic or rubber are recommended)
- Penetration time of glove material:
The exact break through time has to be found out by the manufacturer of the protective gloves and has to be observed.
- No respiratory protection is needed if ventilation/extraction is adequate, otherwise wear approved dust mask

SECTION 9 Physical and chemical properties

9.1 Information on basic physical and chemical properties

- Odour: Odourless
- Appearance: powder, white, soluble in water
- pH 1 at 10 % concentration
- Solubility in water: Water solubility (in water at 20C) 10,8 g/l

9.2 Other information

- No information available

SECTION 10 Stability and reactivity

10.1 Reactivity

- This article is considered stable under normal conditions

10.2 Chemical stability

- Considered stable under normal conditions

10.3 Possibility of hazardous reactions

- No hazardous reactions known if used for its intended purpose

10.4 Conditions to avoid

- Keep away from moist air or water
- Avoid contact with alkalis (strong bases)
- Avoid contact with oxidising substances

10.5 Incompatible materials

- Incompatible with alkalis (strong bases)
- Incompatible with strong oxidizing substances

10.6 Hazardous Decomposition Products

- Decomposition products may include carbon dioxide
- Decomposition products may include carbon oxides

SECTION 11 Toxicological information

11.1 Information on toxicological effects

- LD50 (oral,rat) (5% solution) 375 mg/kg
- LD50 (skin,rabbit) >2000 mg/kg

11.2 Contact with eyes

- Causes redness and irritation

11.3 Contact with skin

- Causes redness and irritation

SECTION 11 Toxicological information (....)

11.4 Ingestion

- May cause gastro-intestinal disturbances

11.5 Inhalation

- May cause irritation
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SECTION 12 Ecological information

12.1 Toxicity

- EC50 (daphnia) 162 mg/l (48 hr)
- LC50 (fish) 160 mg/l (96 hr)
- Biodegradability. OECD-test. 28 days >60 % (
- This product does not contain ingredients which are classified in the EU as dangerous for the environment.

12.2 Persistence and degradability

- Readily biodegradable

12.3 Bioaccumulation Potential

- Bioaccumulation is insignificant

12.4 Mobility in soil

12.5 Results of PBT and vPvB assessment

- Not a PBT according to REACH Annex XIII

12.6 Other Adverse Effects

- No information available
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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 Waste treatment methods

- EU Waste Codes: 06 03 99
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SECTION 14 Transport information

Not classified as hazardous for transport

14.1 UN

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

14.2 Environmental hazards

- 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
- Not applicable
- Not applicable

SECTION 14 Transport information (....)

14.5 Road/Rail (ADR/RID)

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

14.6 Sea (IMDG)

- IMDG UN No.: Not applicable
- Proper Shipping Name: Not applicable
- IMDG Hazard Class: Not applicable
- IMDG Pack Group.: Not applicable
- IMDG EmS: Not applicable
- IMDG subrisk: Not applicable
- IMDG Flashpoint: Not applicable

14.7 Air (ICAO/IATA)

- ICAO Un No.: Not applicable
- Proper Shipping Name: Not applicable
- ICAO Hazard Class: Not applicable
- ICAO Packing Group: Not applicable
- ICAO subrisk: Not applicable
- ICAO Flashpoint: 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
 - Hazardous Material: Not applicable
 - Hazard Class: Not applicable
 - DOT subrisk: Not applicable
 - DOT Flashpoint: 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.
- Council Directive 1999/45/EEC Classification, packing and labelling of dangerous preparations.
- This Safety Data Sheet is provided in compliance with The Dangerous Substances Directive (67/548/EEC)
- Regulations 1272/2008/EEC. Classification, labeling and packing of dangerous substances and preparations
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- This composition meets the criteria for not being harmful to the marine environment according to MARPOL Annex V and may be discharged into the sea when used to clean cargo holds and external surfaces on ships.

15.2 Chemical Safety Assessment

- None
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SECTION 16 Other information

SECTION 16 Other information (....)

Text not given with phrase codes where they are used elsewhere in this safety data sheet:- H302: Harmful if swallowed. H312: Harmful in contact with skin. R21/22: Harmful in contact with skin and if swallowed.

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

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 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

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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