
SAFETY DATA SHEET

This Safety Data Sheet is provided in compliance with the EC Directive 1907/2006-453/2010

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

1.1 Product identifier

- Product Name: TEAK RENEWER
- Product Part Number: 758623 (20 kg)

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

- Use of the substance/mixture:
- Cleaning agent

1.3 Details of the supplier of the safety data sheet

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

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 Chemistry Council 24hrs +1 703 527 3887
- American 24hrs Emergency CHEMTREC (800) 424 9300
- 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
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- The Netherlands: National Poisons Information Centre +31 30 274 88 88

SECTION 2 Hazards identification

2.1 Classification of the substance or mixture

SECTION 2 Hazards identification (....)

- Regulations 1272/2008/EEC. Classification, labeling and packing of dangerous substances and preparations
- Symbols: GHS07, GHS05
- Signal Word: Warning
- Acute Tox. 4
- Eye Dam. 1
- Harmful if swallowed (H302).
- Harmful in contact with skin (H312).
- Causes serious eye damage (H318).

2.2 Label elements

- Signal Word: Warning
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- Contains:
- Oxalic acid dihydrate
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- Hazard phrases
Harmful if swallowed (H302).
Harmful in contact with skin (H312).
Causes serious eye damage (H318).
- 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).
Dispose of contents/container to an authorised waste collection point (P501)

2.3 Other hazards

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

SECTION 3 Composition/information on ingredients**3.1 Mixtures**

- Oxalic acid dihydrate
Concentration: 60-100%
CAS Number: 6153-56-6
EC Number: 205-634-3
H Phrases: H302, H312, H318
Symbols: GHS07, GHS05
Categories: Acute Tox. 4, Acute Tox. 4, Eye Dam. 1
REACH REG. NO: 01-21195345 76-33-0002

SECTION 3 Composition/information on ingredients (....)

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

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
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SECTION 7 Handling and storage (....)

- 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

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
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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
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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

SECTION 10 Stability and reactivity (....)

- 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
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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

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 Classification

- EU Waste class: 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 applicable

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

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

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

14.8 DOT / CFR (US Department of Transportation)

- Identification Number: Not applicable
- DOT Proper Shipping Name: Not applicable
- DOT Labels: Not applicable

SECTION 14 Transport information (....)

- 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.
- 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

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. H318: Causes serious eye damage.

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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SECTION 16 Other information (....)

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