
SAFETY DATA SHEET

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

- Product Name: COOLTREAT AL
- Product Part Number: 680843 (25 liter)

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

- Use of the substance/preparation: Water treatment

1.3 Details of the supplier of the safety data sheet

Name of Supplier:

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
- Telephone: +31 10 4877775
- Email: WSS.GLOBAL.SDSINFO@wilhelmsen.com

1.4 Emergency telephone number

Emergency Telephone: -ONLY TO BE USED IN CASE OF AN INCIDENTNCEC:+

44 1865 407333, CHEMTREC (800) 424 9300

American Chemistry Council +1 703 527 3887,

Greece +30 210 7793777Australia: +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
- Possible risk of harm to the unborn child (R63)
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- Regulations 1272/2008/EEC. Classification, labeling and packing of dangerous substances and preparations
- Symbols: GHS08, GHS07
- Signal Word: Warning
- Repr. 2

SECTION 2 Hazards identification (....)

- Eye Irrit. 2
- Skin Irrit. 2
- STOT SE 3
- Suspected of damaging fertility or the unborn child (H361).
- Causes serious eye irritation (H319).
- Causes skin irritation (H315).
- May cause respiratory irritation (H335).
-

2.2 Label elements

- Signal Word: Warning
- Repr. 2
- Eye Irrit. 2
- Skin Irrit. 2
- STOT SE 3
-
- Contains:
- Sodium 2-ethylhexanoate
- Tolyltriazole
- Imidazole
- Hazard phrases
 - Suspected of damaging fertility or the unborn child (H361).
 - Causes serious eye irritation (H319).
 - Causes skin irritation (H315).
 - May cause respiratory irritation (H335).
- Precautionary Phrases
 - Wear protective gloves/protective clothing/eye protection/face protection (P280).
 - Wash thoroughly after handling (P264).
 - 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 eye irritation persists: Get medical advice/attention (P337+P313).
 - IF exposed or if you feel unwell: Call a POISON CENTER or doctor/physician (P309+P311).

2.3 Other hazards

- Not applicable
- Not a PBT according to REACH Annex XIII
- Odour: Odourless
- Appearance: Liquid, colourless

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

- Sodium 2-ethylhexanoate
 - Concentration: 20-35%
 - CAS Number: 19766-89-3
 - EC Number: 243-283-8
 - Symbols: Xn, GHS08, GHS07
 - R/H Phrases: R63 - H361, H319, H315, H335
 - Categories: Repr. 2, Eye Irrit. 2, Skin Irrit. 2, STOT SE 3
- Tolyltriazole
 - Concentration: 1-3%
 - CAS Number: 29385-43-1

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

- EC Number: 249-596-6
Symbols: Xn, GHS07
R/H Phrases: R22, R52/53 - H302, H319, H412
Categories: Acute Tox. 4, Eye Irrit. 2, Aquatic Chronic 3
- Imidazole
Concentration: 0,1 - 0,5%
CAS Number: 288-32-4
EC Number: 206-019-2
Symbols: Xn, C, GHS05, GHS08, GHS07
R/H Phrases: R61, R22, R34 - H361, H302, H318, H314
Categories: Repr. 2, Acute Tox. 4, Eye Irrit. 2, Skin Corr. 1B
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SECTION 4 First aid measures

4.1 Description of first aid measures

- IF ON SKIN: Wash with plenty of soap and water (P302+P352).
- Wash contaminated clothing before reuse (P363).
- 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).
- When in doubt or symptoms persist, seek medical attention
-
- IF SWALLOWED: rinse mouth. Do NOT induce vomiting (P301+P330+P331).
- Never make an unconscious person vomit or drink fluids
- Give 200-300mls (half pint) water to drink
- When in doubt or symptoms persist, seek medical attention
-
- Inhalation is unlikely to occur
- 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

4.2 Most important symptoms and effects, both acute and delayed

- Possible redness and irritation of affected areas
- In cases of severe exposure, irritation may develop
- Mildly irritating to respiratory system
- The ingestion of significant quantities may cause gastro-intestinal disturbances

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

- Carbon oxides may be formed
- Carbon dioxide may be formed
- Smoke from fires is toxic

5.3 Advice for firefighters

- Wear chemical protection suit and positive-pressure breathing apparatus
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SECTION 6 Accidental release measures

SECTION 6 Accidental release measures (....)

6.1 Personal precautions, protective equipment and emergency procedures

- Wear protective clothing as per section 8
- Wash thoroughly after dealing with spillage

6.2 Environmental Precautions

- Do not allow to enter public sewers and watercourses

6.3 Methods and material for containment and cleaning up

- Absorb spillage in inert material and shovel up
- Flush spill area with copious amounts of water
- Place in sealable container
- Seal containers and label them

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 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
- Protect from frost
- Protect from heat

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

- The undiluted product must not be used in a confined space without good ventilation

8.3 Occupational exposure controls



- No respiratory protection is required unless subject to contact with substance mist
 - Wear suitable respiratory protection. Gas cartridge (organic substances).
 - Wear protective gloves/protective clothing/eye protection/face protection (P280).
 - Wear PVC gloves
 - Wear nitrile gloves
 - 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.
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SECTION 9 Physical and chemical properties

9.1 Information on basic physical and chemical properties

- Odour: Odourless
 - Appearance: Liquid, colourless, soluble in water
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SECTION 9 Physical and chemical properties (....)

- pH ~ 9.5 at 100 % concentration
- Vapour pressure - not known
- Density 1,06 g/cm³ at 20 deg C
- Non combustible

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 oxidizing substances
- Incompatible with acid

10.4 Conditions to avoid

- Avoid contact with acid
- Avoid contact with oxidising substances

10.5 Hazardous Decomposition Products

- Decomposition products may include carbon oxides
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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

- In cases of severe exposure, severe irritation may develop

11.4 Ingestion

- The ingestion of significant quantities may cause gastro-intestinal disturbances
- May cause nausea/vomiting

11.5 Inhalation

- Inhalation is unlikely to occur
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SECTION 12 Ecological information

12.1 Toxicity

- On available data, substance is not harmful to aquatic life

12.2 Persistence and degradability

- The components in this product are readily 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
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SECTION 12 Ecological information (....)

12.6 Other Adverse Effects

- On available data, substance is not harmful 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: 16-01-14
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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 subrisk: Not applicable
- ADR Packing Group: 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 subrisk: Not applicable
- IMDG Pack Group.: Not applicable
- IMDG EmS: Not applicable
- IMDG Flashpoint: Not applicable

14.7 Air (ICAO/IATA)

- ICAO Un No.: Not applicable
- Proper Shipping Name: Not applicable
- ICAO Packing Group: Not applicable
- ICAO Hazard Class: 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
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SECTION 14 Transport information (....)

- 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.
- This Safety Data Sheet is provided in compliance with The Dangerous Substances Directive (67/548/EEC)
- Council Directive 1999/45/EEC Classification, packing and labelling of dangerous preparations.
- Regulations 1272/2008/EEC. Classification, labeling and packing of dangerous substances and preparations
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- Norwegian Productregistration no: 52909

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. H314: Causes severe skin burns and eye damage. H315: Causes skin irritation. H318: Causes serious eye damage. H319: Causes serious eye irritation. H335: May cause respiratory irritation. H361: Suspected of damaging fertility or the unborn child. H412: Harmful to aquatic life with long lasting effects. R22: Harmful if swallowed. R34: Causes burns. R52/53: Harmful to aquatic organisms, may cause long-term adverse effects in the aquatic environment. R61: May cause harm to the unborn child. R63: Possible risk of harm to the unborn child.

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 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

SECTION 16 Other information (....)

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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