

SAFETY DATA SHEET

1 Identification of the substance or preparation and of the company/undertaking

1.1 Product identifier

Product Name: COOLTREAT AL
Datasheet Number: 680843-r 1. 0. 0
Product Part Number: 680843 (25 liter)
Head Office:: Wilhelmsen Ships Service AS
Address: Strandveien 20, N1324 Lysaker, Norway, Tel(+47) 67 58 45 50

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

Cooling water treatment

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 10 4877 777
Fax: +31 10 4877 888
Responsible Person: Patrick Rijdsdijk, Product HSE Manager, Tel.:+31 6 349 440 35
Email: patrick.rijdsdijk@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

2 Hazards identification

2.1 Classification of the substance or mixture

- Council Directive 1999/45/EEC Classification, packing and labelling of dangerous preparations.

2.2 Label elements



Harmful

Risk Phrases

- Possible risk of harm to the unborn child (R63)

Safety Phrases

- If swallowed seek medical advice immediately and show this container or label (S46)
- Wear suitable protective clothing and gloves (S36/37)
- Keep out of reach of children (S2)

2.3 Other hazards

- Odour: Odourless
- Appearance: Liquid, colourless
- Contact with eyes: Causes redness and irritation
- Contact with skin: In cases of severe exposure, severe irritation may develop
- Inhalation: Vapours or aerosols may cause irritation of eyes, nose and respiratory tract
- Ingestion: The ingestion of significant quantities may cause gastro-intestinal disturbances

3 Composition/information on ingredients

3.1 Mixtures

Chemical Name	Concentration	CAS Number	EC Number	R/H Phrases*	Symbols
Aliphatic acid, sodium salt	20-35%	19766-89-3	243-283-8	R63	Xn
Tolyltriazole	1-3%	29385-43-1	249-596-6	R22, R52/53	Xn
Non classified ingredients	60-100				

*See Section 16

4 First aid measures

4.1 Description of first aid measures

- IF ON SKIN: Wash with plenty of soap and water.
- Wash contaminated clothing 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.
- When in doubt or symptoms persist, seek medical attention
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- IF SWALLOWED: rinse mouth. Do NOT induce vomiting.
- 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
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- Inhalation is unlikely to occur
- IF INHALED: If breathing is difficult, remove to fresh air and keep at rest in a position comfortable for breathing.
- 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 immediate medical attention and special treatment needed

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

- Smoke from fires is irritating

5.3 Advice for firefighters

- Wear chemical protection suit and 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
- 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
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6 Accidental release measures (....)

- Flush spill area with copious amounts of water
- Place in sealable container
- Seal containers and label them

6.4 Reference to other sections

7 Handling and storage

7.1 Precautions for safe handling

- Wear protective clothing as per section 8
- Avoid contact with skin and eyes (S24/25)
- 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)

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

Occupational exposure controls

- No respiratory protection is required unless subject to contact with substance mist
- Wear suitable respiratory protection. Gas cartridge (organic substances).
- Wear suitable protective clothing, including eye/face protection and gloves (plastic or rubber are recommended)



Gloves



Goggles



Suit



No Smoking

9 Physical and chemical properties

9.1 Information on basic physical and chemical properties

- Odour: Odourless
- Appearance: Liquid, colourless, soluble in water
- pH 8.2 at 5 % concentration, pH ~ 9.5 at 100 % concentration
- Vapour pressure - not known
- Density 1,055 g/cm³ at 20 deg C
- Non combustible

9.2 Other information

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
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10 Stability and reactivity (....)

10.4 Conditions to avoid

- Keep away from strong oxidizing substances(S14)

10.5 Incompatible materials

- Incompatible with oxidizing substances

10.6 Hazardous Decomposition Products

- Decomposition products may include carbon oxides
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11 Toxicological information

11.1 Information on toxicological effects

- No experimental data available

Inhalation

- Inhalation is unlikely to occur

Contact with skin

- In cases of severe exposure, severe irritation may develop

Contact with eyes

- Causes redness and irritation

Ingestion

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

Carcinogenicity

- No evidence of carcinogenic effects

Teratogenicity

- Possible risk of harm to the unborn child (R63)
 - Pregnant women should not be exposed to this product
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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

12.6 Other Adverse Effects

- On available data, substance is not harmful 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

Classification

- EU Waste class: -

14 Transport information

14.1 UN Number

- n/a

14.2 UN Proper Shipping Name

- n/a

14.3 Transport hazard class(es)

- n/a

14.4 Packing group

- n/a

14.5 Environmental hazards

- Presents little or no hazard to the environment

14.6 Special precautions for user

- Not classified as hazardous for transport

14.7 Transport in bulk according to Annex II of MARPOL 73/78 and the IBC code

- Not applicable

Other information

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)

15.2 Chemical Safety Assessment

16 Other information

Text of R and S phrase codes used in this safety data sheet:- R22: Harmful if swallowed; R52/53: Harmful to aquatic organisms, may cause long-term adverse effects in the aquatic environment; R63: Possible risk of harm to the unborn child.

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

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