



Revision: 09/01/2013

SAFETY DATA SHEET

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

1.1 Product identifier

Product Name: COOLTREAT AL INDICATOR
Datasheet Number: 735746--1 2. 0. 0
Product Part Number: 735746
Part of: COOLTREAT REAGENT REP PACK
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

Reagent

1.3 Details of the supplier of the safety data sheet

Name of Supplier: For quotations contact your local Customer Services
Address of Supplier: Wilhelmsen Ships Service AS
Willem Barentszstraat 50
3165AB Rotterdam
+31 4877 888
The Netherlands
Telephone: +31 4877 777
Fax:
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
Giftinformasjonssentralen in Norway Tel.: +47 22591300

2 Hazards identification

2.1 Classification of the substance or mixture

- Not Classified

2.2 Label elements

- None

Risk Phrases

- Not applicable

Safety Phrases

- Not applicable

2.3 Other hazards

- Odour: Characteristic odour

2 Hazards identification (....)

- Appearance: Liquid, dark, green
-

3 Composition/information on ingredients

3.1 Mixtures

Chemical Name	Concentration	CAS Number	EC Number	R/H Phrases*	Symbols
Iso-propanol	<7	67-63-0	200-661-7	11, 36, 67	F, Xi
GHS CLASSIFICATION: Flam. Liq, Eye Irrit STOT SE 3				H225 H319 H336	GHS02, GHS07

*See Section 16

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

4.2 Most important symptoms and effects, both acute and delayed

- No experimental data available

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

- Smoke from fires is irritating
 - Wear protective clothing as per section 8
-

6 Accidental release measures

6.1 Personal precautions, protective equipment and emergency procedures

- No special precautions are required for this product

6.2 Environmental Precautions

- No special precautions are required for this product
-

6 Accidental release measures (....)

6.3 Methods and material for containment and cleaning up

- Flush spill area with copious amounts of water

6.4 Reference to other sections

- None
-

7 Handling and storage

7.1 Precautions for safe handling

- 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

7.3 Specific end use(s)

8 Exposure controls/personal protection

8.1 Control parameters

- Iso-propanol
 - WEL (short term) 1250 mg/m³
 - WEL (short term) 500 ppm
 - WEL (long term) 999 mg/m³
 - WEL (long term) 400 ppm

8.2 Exposure controls

- No special precautions are required for this product

Occupational exposure controls

- Wear goggles giving complete eye protection
- Wear plastic or rubber gloves



Goggles



Gloves



9 Physical and chemical properties

9.1 Information on basic physical and chemical properties

- Odour: Characteristic odour
 - Appearance: Liquid, dark, green, soluble in water
 - Neutral pH
 - Boiling point ~100 °C at 760 mm /Hg
 - Vapour pressure - not known
 - Vapour density - not known
 - Freezing point <0 °C at 760 mm/Hg
 - Completely soluble in water
-

9 Physical and chemical properties (....)

- Specific gravity (water=1) ~ 1
- 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

- This article is 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

- Avoid overheating

10.5 Incompatible materials

- None

10.6 Hazardous Decomposition Products

- No hazardous decomposition products known
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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

- Not hazardous

Contact with eyes

- May cause redness and irritation

Ingestion

- The ingestion of significant quantities may cause gastro-intestinal disturbances

Carcinogenicity

- No evidence of carcinogenic effects
-

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 Ecological information (...)

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

12.6 Other Adverse Effects

- Presents little or no hazard to the aquatic environment
-

13 Disposal considerations

13.1 Waste treatment methods

- No special requirements
-

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 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 product is not classified as hazardous according to Directive 1999/45/EEC
- Not hazardous according to current The Dangerous Substances Directive (67/548/EEC)

15.2 Chemical Safety Assessment

None

16 Other information

16 Other information (....)

Text of R and S phrase codes used in this safety data sheet:- H225: Highly flammable liquid and vapour.; H319: Causes serious eye irritation.; H336: May cause drowsiness or dizziness.; R11: Highly Flammable; R36: Irritating to eyes; R67: Vapours may cause drowsiness and dizziness.

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

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

OTHER CONTACT INFORMATION MAJOR CHEMICAL OFFICES

For addresses of other Wilhelmsen Ships Service offices, please refer to www.wilhelmsen.com/shipsservice

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