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**SAFETY DATA SHEET**

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**1 Identification of the substance or preparation and the supplier**

Product Name: **COOLTREAT AL**  
Datasheet Number: 680843 1.1.0  
Use of the substance/preparation: Cooling water treatment  
Product Part Number: 680843 (25 liter)

Name of Supplier: Unitor ASA  
Address of Supplier: Willem Barentszstraat 50  
3165 AB Rotterdam-Albrandswaard  
The Netherlands

Telephone: +31 10 4877 777  
Fax: +31 10 4877 888  
Responsible Person: Leen de Visser, Corporate Product Safety Manager, Tel.: +31 6 538 63736

Name of Manufacturer: UNITOR CHEMICALS AS  
Address of Manufacturer: P.O.Box 15  
3141 Kjøpmannskjær  
Norway.  
Telephone: +47 333 515 00

Emergency Telephone: NCEC: +44 1865 407333  
CHEMTREC (800) 424 9300  
CMA +1 703 527 3887  
Greece +30 1 7793777

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**2 Composition/information on ingredients**

Chemical Name	Concentration	CAS Number	EC Number	R Phrases	Symbols
Ethylhexanoic acid, 2-sodium salt	20-35	N/A	205-743-6	63	Xn
Tolyltriazole	1-3	29385-43-1	249-596-6	22	Xn
Non classified ingredients	60-100				

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**3 Hazards identification**

- Odour: Odourless
- Appearance: Liquid, colourless, soluble in water
- 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
- Possible risk of harm to the unborn child (R63)

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### 3 Hazards identification (....)



Harmful

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### 4 First aid measures

#### Contact with skin

- Wash affected area with plenty of soap and water
- When in doubt or symptoms persist, seek medical attention
- Contaminated clothing should be laundered before reuse

#### Contact with eyes

- If substance has got into eyes, immediately wash out with plenty of water for at least 15 minutes
- Seek medical advice

#### Ingestion

- Never give anything by mouth to an unconscious person
- Do not induce vomiting
- Give 200-300mls (half pint) water to drink
- Obtain immediate medical attention

#### Inhalation

- Inhalation is unlikely to occur
- Remove patient to fresh air
- Seek medical attention if ill effects occur

#### General

- In case of accident or if you feel unwell, seek medical advice immediately (show the label where possible) (S45)

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### 5 Fire-fighting measures

- Non combustible
- Nitrogen and carbon oxides may be formed
- Not flammable. In case of fire use extinguishing media appropriate to surrounding conditions

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### 6 Accidental release measures

#### Personal Precautions

- Wear protective clothing as per section 8

#### Environmental Precautions

- Do not allow to enter public sewers and watercourses

#### Clean Up Actions

- Absorb spillage in inert material and shovel up
- Flush spill area with copious amounts of water

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## 6 Accidental release measures (....)

### Special Precautions

- Wear protective clothing as per section 8

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## 7 Handling and storage

### Handling

- Wear protective clothing as per section 8
- Avoid contact with skin and eyes (S24/25)
- Eyewash bottles should be available

### Storage

- Keep in a cool, dry, well ventilated place
- Protect from frost
- Protect from heat

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## 8 Exposure controls and personal protection

### Exposure Limits

- There are no recommended or established controls for this product

### 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 protective clothing, including eye/face protection and gloves (plastic or rubber are recommended)



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## 9 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
- Freezing point <0 °C to 760 °C
- Completely soluble in water
- Specific gravity (water=1) 1.055
- Non combustible

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## 10 Stability and reactivity

- This article is considered stable under normal conditions
- Avoid overheating, Keep away from frost
- Incompatible with strong oxidizing substances, Contact with acids liberates toxic gas (R31)
- See Section 5

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## 11 Toxicological information

### Toxicological information

- LD50 (oral,rat) >5000 mg/kg
- Possible risk of harm to the unborn child (R63)
- In cases of severe exposure, redness and irritation may develop
- The ingestion of significant quantities may cause nausea/vomiting

### 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

### Ecotoxicity

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

### Mobility

- Completely soluble in water

### Persistence and Biodegradability

- The components in this product are readily biodegradable.

### Bioaccumulation Potential

- Bioaccumulation of the components in this product is insignificant.

### Other Adverse Effects

- Presents little or no hazard to the aquatic environment

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### 13 Disposal considerations

#### Disposal considerations

- 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

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### 14 Transport information

- Not classified as hazardous for transport

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### 15 Regulatory information



Harmful

#### Risk Phrases

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

#### Safety Phrases

- Wear suitable gloves and eye/face protection (S37/39)
- If swallowed seek medical advice immediately and show this container or label (S46)

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### 16 Other information

(R22: Harmful if swallowed. 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

This Safety Data Sheet is provided in compliance with The Dangerous Substances Directive (67/548/EEC)

This Safety Data Sheet is provided in compliance with The Dangerous Preparations Directive (88/379/EEC)

This Safety Data Sheet is provided in compliance with The Safety Data Sheets Directive (2001/58EC)