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**SAFETY DATA SHEET**

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

Product Name: **CARBONCLEAN LT**  
Datasheet Number: 575696 2.0.0  
Use of the substance/preparation: Boiler water treatment  
Product Part Number: 575696 (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
Kerosine, unspecified	5-10	64742-94-5	265-198-5	51, 53, 65, 66	Xn, N
Disodium metasilicate	0-1	6834-92-0	229-912-9	34, 37	C
C8 Alkylglucoside	5-10	41444-50-2	414-420-0	41	Xi
Fatty alcohol ethoxylate	10-30	34398-01-1	500-084-3	41	Xi
Non classified ingredients	60-90				

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**3 Hazards identification**

- Odour: Solvent odour
- Appearance: Liquid, pale yellow, soluble in water
- Contact with eyes: Possible severe irritation of affected areas
- Contact with skin: Prolonged skin contact will result in defatting of the skin, leading to irritation, and in some cases, dermatitis
- Inhalation: Vapours or aerosols may cause irritation of eyes, nose and respiratory tract
- Freezing point <0 °C at 760 mm/Hgarmful to aquatic organisms, may cause long-term adverse effects in the aquatic environment (R52/53)

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



Irritant

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### 4 First aid measures

#### Contact with skin

- Remove contaminated clothing
- Wash affected area with plenty of soap and water
- Contaminated clothing should be laundered before reuse
- Seek medical attention if irritation persists

#### 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

- Do not induce vomiting because of risk of aspiration into the lungs. If aspiration is suspected obtain immediate medical attention
- 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

- Flash point >62 deg C (CC)
- Nitrogen and carbon oxides may be formed
- In case of fire use water spray or fog, alcohol resistant foam, dry chemical or carbon dioxide (S43)
- Substance evolves toxic fumes, wear self-contained breathing apparatus

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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
- Ventilate the area and wash spill site after material pick-up is complete

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

### Special Precautions

- Do not allow to enter public sewers and watercourses
- 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 only in the original container in a cool, well ventilated place (S3/9/49)
- Protect from heat

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## 8 Exposure controls and personal protection

### Exposure Limits

- TLV (TWA) 120 mg/m<sup>3</sup> (Kerosine, unspecified)

### Exposure controls

- No special ventilation is required unless the product is used in a spray form

### Occupational exposure controls

- 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: Solvent odour
- Appearance: Liquid, pale yellow, soluble in water
- pH 12 at 100 % concentration
- Boiling point >100 °C at 760 mm /Hg
- Vapour pressure - not known
- Freezing point <0 °C at 760 mm/Hg
- Completely soluble in water
- Specific gravity (water=1) 1
- Flash point >62 deg C (CC)

## 10 Stability and reactivity

- This article is considered stable under normal conditions
  - Avoid overheating
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## 11 Toxicological information

### Toxicological information

- No experimental data available
- Inhalation of solvent vapours may give rise to nausea, headaches and dizziness
- In cases of severe exposure, chronic pneumonitis may develop

### Inhalation

- Inhalation of solvent vapours may give rise to nausea, headaches and dizziness

### Contact with skin

- Prolonged skin contact will result in defatting of the skin, leading to irritation, and in some cases, dermatitis

### Contact with eyes

- Causes irritation

### Ingestion

- The ingestion of significant quantities may cause gastro-intestinal disturbances
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## 12 Ecological information

### Ecotoxicity

- This product contains components which are classified in the EU as dangerous for the environment.
- Harmful to aquatic organisms, may cause long-term adverse effects in the aquatic environment (R52/53)

### Mobility

- Completely soluble in water

### Persistence and Biodegradability

- Its main ingredients will either dissolve rapidly and dissociate in water or are readily/inherently biodegradable.

### Bioaccumulation Potential

- Hydrocarbon solvents have the potential to bioaccumulate.

### Other Adverse Effects

- No environmental problems are expected when the product is used / handled correctly.

In its intended use, the product will not be released into the environment.

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## 13 Disposal considerations

### Classification

- This material and/or its container must be disposed of as hazardous waste
- EU Waste class: 07.01

### 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



Irritant

### Risk Phrases

- Risk of serious damage to eyes (R41)
- Harmful to aquatic organisms, may cause long-term adverse effects in the aquatic environment (R52/53)

### Safety Phrases

- In case of contact with eyes, rinse immediately with plenty of water and seek medical advice (S26)
- Wear suitable protective clothing, eye/face protection and gloves (S36/37/39)
- Avoid release to the environment. Refer to special instructions/Safety data sheets (S61)

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## 16 Other information

(R34: Causes burns. R37: Irritating to respiratory system. R41: Risk of serious damage to eyes. R51: Toxic to aquatic organisms. R53: May cause long term adverse effects in the aquatic environment. R65: Harmful: may cause lung damage if swallowed. R66: Repeated exposure may cause skin dryness or cracking.)

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)