

## SAFETY DATA SHEET

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

Product Name: **ALKLEEN SAFETY LIQUID**  
 Datasheet Number: 571513 7. 0. 0  
 Use of the substance/preparation: Cleaning agent  
 Product Part Number: 571513 (25 liter), 571521 (210 liter)  
 Head Office:: Wilhelmsen Ships Service  
 address: Strandveien 20, N1324 Lysaker, Norway, Tel:(+47) 67 58 45 50  
 Name of Supplier: Wilhelmsen Ships Service AS  
 Address of Supplier: Willem Barentszstraat 50  
 3165AB Rotterdam  
 The Netherlands  
 Telephone: +31 10 4877 777  
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 Responsible Person: Patrick Rijdsdijk, Product HSE Manager, Tel.:+31 6 349 440 35  
 Email: Patrick.Rijdsdijk@Wilhelmsen.com  
 Emergency Telephone: **\*\*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**

Corrosive

- Odour: Odourless
- Appearance: Liquid, off-white, soluble in water
- Contact with eyes: Can cause damage to the eyes
- Contact with skin: Can cause damage to the skin
- Inhalation: Vapours or aerosols may cause irritation of eyes, nose and respiratory tract
- Ingestion: The ingestion of significant quantities may cause damage to stomach lining

## Classification of the substance or mixture

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

## Risk Phrases

- Causes burns (R34)
- Irritating to respiratory system (R37)

## Safety Phrases

- Avoid contact with skin and eyes (S24/25)
- Wear suitable protective clothing, eye/face protection and gloves (S36/37/39)
- In case of accident or if you feel unwell, seek medical advice immediately (show the label where possible) (S45)

**3 Composition/information on ingredients**

Chemical Name	Concentration	CAS Number	EC Number	R/H Phrases*	Symbols
Disodium metasilicate	5-10	6834-92-0	229-912-9	R34, 37	C
Fatty alcohol ethoxylates	1-5	34398-01-1	500-084-3	R22, 41	Xn

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

Alkylglucosid	1-5	161074-93-7	500-529-1	R41	Xi
2(2-butoxyethox)ethanol	1-5	112-34-5	203-961-6	R36	Xi

\*See Section 16

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### 4 First aid measures

#### Contact with skin

- Remove contaminated clothing immediately and drench affected skin with plenty of water. Then wash with soap and water
- Seek medical advice if necessary
- 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
- Irrigate eyes thoroughly whilst lifting eyelids
- Obtain immediate medical attention
- Continue flushing with water until medical help arrives

#### Ingestion

- Do not induce vomiting
- Never give anything by mouth to an unconscious person
- Give plenty of 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
  - Decomposition products may include toxic and irritant fumes
  - Not flammable. In case of fire use extinguishing media appropriate to surrounding conditions
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### 6 Accidental release measures

#### Personal precautions, protective equipment and emergency procedures

- Wear protective clothing as per section 8

#### Environmental Precautions

- Do not allow to enter public sewers and watercourses

#### Methods and material for containment and cleaning up

- 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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### 7 Handling and storage

#### Precautions for safe handling

- The usual precautions for handling chemicals should be observed
  - Avoid contact with skin and eyes (S24/25)
  - Eyewash bottles should be available
  - See Section 8
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## 7 Handling and storage (....)

Conditions for safe storage, including any incompatibilities

- Keep only in the original container in a cool, well ventilated place (S3/9/49)
- Protect from frost

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## 8 Exposure controls/personal protection

Control parameters

- 2(2-butoxyethoxy)ethanol  
TLV (TWA) 68 mg/m<sup>3</sup> ( )

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)
- During fumigation/spraying wear suitable respiratory equipment (S42)



Gloves



Goggles



Suit



No Smoking

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## 9 Physical and chemical properties

- Odour: Odourless
- Appearance: Liquid, off-white, soluble in water
- pH 12.5 - 13.5
- Boiling point >100 °C at 760 mm /Hg
- Vapour pressure - not known
- Melting point 0 °C
- Completely soluble in water
- Density 1,06 - 1,08 g/cm<sup>3</sup> at 20 deg C
- Non combustible

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## 10 Stability and reactivity

- This article is considered stable under normal conditions
- Avoid overheating, Keep away from frost
- See Section 5

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## 11 Toxicological information

Information on toxicological effects

- No experimental data available

Inhalation

- Vapours or aerosols may cause irritation of eyes, nose and respiratory tract

Contact with skin

- Prolonged skin or eye contact may cause chemical burns

Contact with eyes

- Prolonged skin or eye contact may cause chemical burns

Ingestion

- Not regarded as a potential route of exposure.
- The ingestion of significant quantities may cause burning sensation

Carcinogenicity

- No evidence of carcinogenic effects

## 12 Ecological information

### Ecotoxicity

- "In general, this cleaning agent poses little danger to the environment, its main ingredients will either dissolve rapidly and dissociate in water or are readily/inherently biodegradable."
- LC50 (fish) (2(2-butoxyethoxy)ethanol) 1300 mg/l (96 hr)
- LC50 (fish) (Alcholethoxylate) 1-10 mg/l (96 hr)
- Biodegradability. OECD-test. 28 days (Fish) >100 % (Alkylglucoside)

### Persistence and degradability

- The components in this product are readily biodegradable.

### Bioaccumulation Potential

- Bioaccumulation of the components in this product is insignificant.

### Mobility in soil

- Completely soluble in water

### Other Adverse Effects

- No environmental problems are expected when the product is used / handled correctly.
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## 13 Disposal considerations

### 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

- This material and/or its container must be disposed of as hazardous waste
  - EU Waste class: 06 02. 06-02-05
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## 14 Transport information

### Special precautions for user

- Not classified as hazardous for transport
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## 15 Regulatory information

### Classification and labelling

- 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.

### 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.
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  - Composition information in accordance with Regulation (EC) No 648/2004 of the European Parliament and of the Council of 31 March 2004 on detergents:
  - Nonionic surfactants 5-15 %
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## 16 Other information

Text of R and S phrase codes used in this safety data sheet:- R22: Harmful if swallowed; R34: Causes burns; R36: Irritating to eyes; R37: Irritating to respiratory system; R41: Risk of serious damage to eyes.

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

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**16 Other information (....)**

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