

SAFETY DATA SHEET

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

Product Name: FINWASH - S
Datasheet Number: 614529 5. 0. 0
Use of the substance/preparation: Cleaning agent
Product Part Number: 614529 (25 liter)
Name of Supplier: Wilhelmsen Maritime Services AS
Address of Supplier: Willem Barentszstraat 50
 3165 AB Rotterdam-Albrandswaard, The Netherlands

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Responsible Person: Leen de Visser, Product HSE Manager, Tel.: +31 6 538 63736
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Name of Manufacturer: UNITOR CHEMICALS AS
Address of Manufacturer: P.O.Box 15
 3141 Kjøpmannskjær
 Norway.
Telephone: +47 333 515 00
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 American Chemistry Council +1 703 527 3887, Greece +30 210 7793777

2 Composition/information on ingredients

Chemical Name	Concentration	CAS Number	EC Number	R Phrases*	Symbols
2-2(butoxyethoxy)ethanol	60-100	112-34-5	203-961-6	36	Xi
Non classified ingredients	30-60				

*See Section 16

3 Hazards identification

- Odour: Odourless
- Appearance: Liquid, colourless, soluble in water
- Contact with eyes: Causes redness and irritation
- 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
- Ingestion: The ingestion of significant quantities may cause gastro-intestinal disturbances



Irritant

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
- 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
- Obtain immediate medical attention

Ingestion

- Do not induce vomiting
- Give water or milk to drink
- Never give anything by mouth to an unconscious person

4 First aid measures (....)

- Seek immediate medical attention

Inhalation

- 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)

5 Fire-fighting measures

- Flash point 100 deg C (CC)
- Carbon oxides may be formed
- In case of fire use water spray or fog, alcohol resistant foam, dry chemical or carbon dioxide (S43)
- Do not use water jets

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

Special Precautions

- Wear protective clothing as per section 8

7 Handling and storage

Handling

- The usual precautions for handling chemicals should be observed
- Avoid contact with skin and eyes (S24/25)
- Eyewash bottles should be available

Storage

- Keep away from open flames, hot surfaces and sources of ignition.
- Keep only in the original container in a cool, well ventilated place (S3/9/49)
- Keep away from oxidising substances (S14)

8 Exposure controls and personal protection

Exposure Limits

- No exposure limits have been set for this substance

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



Suit



Goggles



No Smoking

9 Physical and chemical properties

- Odour: Odourless
- Appearance: Liquid, colourless, soluble in water
- pH - not applicable
- Boiling point >200 °C at 760 mm /Hg
- Vapour pressure - not known
- Vapour density - not known
- Freezing point < -50 °C at 760 mm/Hg
- Completely soluble in water

9 Physical and chemical properties (....)

- Specific gravity (water=1) 0.965 - 0.985
- Flash point 100 deg C (CC)

10 Stability and reactivity

- This article is considered stable under normal conditions
- Keep away from heat and sources of ignition
- Incompatible with strong oxidizing substances

11 Toxicological information

Toxicological information

- LD50 (oral,rat) 5660 mg/kg

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

- 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

Ecotoxicity

- LC50 (fish) 2000 mg/l (96 hr)
- This can be considered as an environmentally friendly product.

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

13 Disposal considerations

Classification

- EU Waste class: -

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

14 Transport information

- Not classified as hazardous for transport

15 Regulatory information



Irritant

Risk Phrases

- Irritating to eyes and skin (R36/38)

Safety Phrases

- In case of contact with eyes, rinse immediately with plenty of water and seek medical advice (S26)
- Wear suitable gloves and eye/face protection (S37/39)

16 Other information

Text of R and S phrase codes used in this safety data sheet:- R36: Irritating to eyes.

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)