
SAFETY DATA SHEET

SECTION 1 Identification of the substance/mixture and of the company/undertaking

1.1 Product identifier

- Product Name: UNIWASH
- Product Part Number: 571745 (25 liter), 659375 (210 liter)

1.2 Relevant identified uses of the substance or mixture and uses advised against

- Cleaning agent

1.3 Details of the supplier of the safety data sheet

Head Office:
Wilhelmsen Ships Service AS
Strandveien 20, N1324 Lysaker,
Norway Tel: (47) 6349 440 35

Supplier:
Wilhelmsen Ships Service AS
Willem Barentszstraat 50
3165AB Rotterdam
Telephone: +31 4877 777
Fax: +31 4877 888
The Netherlands

Other suppliers SEE SECTION 16!!!

For quotations contact your local Customer Services

- 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****
- American 24hrs Emergency CHEMTREC (800) 424 9300
- American Chemistry Council 24hrs +1 703 527 3887
- China NRCC 24hrs emergency telephone number: +86-0532-8388 9090
- Greece: Poisoning emergency center, +30 210 7793777
- International 24hrs Emergency NCEC:+ 44 1865 407333
- Norway: Poison information centre, +47 22591300
- Sweden: Poison information centre, +46 08 33 12 31
- Wilhelmsen Ships Service, Melbourne, AUSTRALIA Emergency 24hrs: +61 3 9630 0998

SECTION 2 Hazards identification

2.1 Classification of the substance or mixture

- Council Directive 1999/45/EEC Classification, packing and labelling of dangerous preparations.
- This Safety Data Sheet is provided in compliance with The Dangerous Substances Directive (67/548/EEC)
- Symbols: Xi
- Risk of serious damage to eyes (R41)
-
- Regulations 1272/2008/EEC. Classification, labeling and packing of dangerous substances and preparations

SECTION 2 Hazards identification (....)

- Symbols: GHS07
- Signal Word: Danger
- Eye Irrit. 2
- Causes serious eye irritation (H319).

2.2 Label elements



- Signal Word: Danger
- Eye Irrit. 2
-
- Contains:
 - Sodium 2-(2-dodecyloxyethoxy)ethyl sulphate
 - Alkylpolyglucosides
 - Cocamide DEA
 -
- Hazard phrases
 - Causes serious eye irritation (H319).
- Precautionary Phrases
 - Wear protective gloves/protective clothing/eye protection/face protection (P280).
 - IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing (P305+P351+P338).
 - If eye irritation persists: Get medical advice/attention (P337+P313).

2.3 Other hazards

- Not applicable
- Not a PBT according to REACH Annex XIII
- Appearance: Liquid, clear, yellow
- Odour: Slight smell of lemon

SECTION 3 Composition/information on ingredients

3.1 Mixtures

- Sodium 2-(2-dodecyloxyethoxy)ethyl sulphate
 - Concentration: 5-10%
 - CAS Number: 68891-38-3
 - EC Number: 500-234-8
 - R/H Phrases: R38, R41 - H315, H318
 - Symbols: Xi, GHS05
 - Categories: Skin Irrit. 2, Eye Dam. 1
 - REACH REG. NO: 01-21194886 39-16-0007
- Alkylpolyglucosides
 - Concentration: 1-5%
 - CAS Number: Not applicable
 - EC Number: Not applicable
 - R/H Phrases: R41 - H318, H315
 - Symbols: Xi, GHS05
 - Categories: Eye Dam. 1, Skin Irrit. 2

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

- Cocamide DEA
 - Concentration: 1-5%
 - CAS Number: 68155-07-7
 - EC Number: 931-329-6
 - R/H Phrases: R38, R41 - H302, H314, H318, H400, H411
 - Symbols: Xi, GHS05, GHS09, GHS07
 - Categories: Acute Tox. 4, Skin Corr. 1B, Eye Dam. 1, Aquatic Acute 1, Aquatic Chronic 2
 - REACH REG. NO: 01-21194901 00-53-0005
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SECTION 4 First aid measures

4.1 Description of first aid measures

- Inhalation is unlikely to occur
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- IF ON SKIN: Wash with plenty of soap and water (P302+P352).
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- IF SWALLOWED: rinse mouth. Do NOT induce vomiting (P301+P330+P331).
- Never make an unconscious person vomit or drink fluids
- Give plenty of water to drink
-
- IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing (P305+P351+P338).
- If eye irritation persists: Get medical advice/attention (P337+P313).

4.2 Most important symptoms and effects, both acute and delayed

- May cause redness and irritation

4.3 Indication of any immediate medical attention and special treatment needed

- No information available
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SECTION 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

- Wear chemical protection suit and positive-pressure breathing apparatus
-

SECTION 6 Accidental release measures

6.1 Personal precautions, protective equipment and emergency procedures

- Wear protective clothing as per section 8

6.2 Environmental Precautions

- Avoid release to the environment (P273).
- Do not flush spilt material into any public water system

6.3 Methods and material for containment and cleaning up

- Absorb spillage in earth or sand
- Place in appropriate container
- Ventilate the area and wash spill site after material pick-up is complete
- Flush spill area with copious amounts of water

6.4 Reference to other sections

SECTION 6 Accidental release measures (....)

- See Section 13
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SECTION 7 Handling and storage

7.1 Precautions for safe handling

- The usual precautions for handling chemicals should be observed

7.2 Conditions for safe storage, including any incompatibilities

- Store in a dry place. Store in a closed container (P402+P404).
- Store in a well-ventilated place (P403).
- Protect from frost

7.3 Specific end use(s)

- Contact supplier for further information
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SECTION 8 Exposure controls/personal protection

8.1 Control parameters

- There are no recommended or established controls for this product

8.2 Exposure controls

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

8.3 Occupational exposure controls



- No respiratory protection is required unless subject to contact with substance mist
 - Wear suitable respiratory protection. Gas cartridge (organic substances).
 - Wear suitable protective clothing, including eye/face protection and gloves (plastic or rubber are recommended)
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SECTION 9 Physical and chemical properties

9.1 Information on basic physical and chemical properties

- Odour: Odourless
- Appearance: Liquid, pale yellow, soluble in water
- pH 7 - 8 at 100 % concentration
- Boiling point >100 °C to 760 °C
- Vapour pressure - not known
- Completely soluble in water
- Density 1,01 - 1,02 g/cm³ at 20 deg C
- Non combustible

9.2 Other information

- None
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SECTION 10 Stability and reactivity

10.1 Reactivity

- This article is considered stable under normal conditions

10.2 Chemical stability

- Considered stable under normal conditions

10.3 Possibility of hazardous reactions

SECTION 10 Stability and reactivity (....)

- 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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SECTION 11 Toxicological information

- 11.1 Information on toxicological effects
- LD50 (oral, rat) (Alkylglucoside) >2000 mg/kg
 - LD50 (oral, rat) (Sodium 2-(2-dodecyloxyethoxy)ethyl sulphate) 300-2000 mg/kg
 - LD50 (oral, rat) (Cocamide DEA) >5000 mg/kg
- 11.2 Contact with eyes
- Causes redness and irritation
- 11.3 Contact with skin
- In cases of severe exposure, irritation may develop
 - Prolonged skin contact will result in defatting of the skin, leading to irritation, and in some cases, dermatitis
- 11.4 Ingestion
- The ingestion of significant quantities may cause gastro-intestinal disturbances
- 11.5 Inhalation
- Inhalation is unlikely to occur
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SECTION 12 Ecological information

- 12.1 Toxicity
- LC50 (fish) Sodium 2-(2-dodecyloxyethoxy)ethyl sulphate) 1-10 mg/l (96 hr)
 - LC50 (fish) (Alkylglucoside) 1-10 mg/l (96 hr)
 - LC50 (fish) (Cocamide DEA) 4,9 mg/l (96 hr)
- 12.2 Persistence and degradability
- The components in this product are readily biodegradable.
- 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
- Not a PBT according to REACH Annex XIII
- 12.6 Other Adverse Effects
- No information available
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SECTION 13 Disposal considerations

- 13.1 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
- 13.2 Classification
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SECTION 13 Disposal considerations (....)

- EU Waste class: 07 06 01
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SECTION 14 Transport information

Not classified as hazardous for transport

14.1 UN

- UN No.: Not applicable
- Proper Shipping Name: Not applicable
- Hazard Class: Not applicable
- Packing Group: Not applicable

14.2 Environmental hazards

- Not Classified

14.3 Special precautions for user

- Not classified as hazardous for transport

14.4 Transport in bulk according to Annex II of MARPOL 73/78 and the IBC code

- Not applicable

14.5 Road/Rail (ADR/RID)

- ADR UN No.: Not applicable
- Proper Shipping Name: Not applicable
- ADR Hazard Class: Not applicable
- ADR Packing Group: Not applicable
- ADR subrisk: Not applicable
- ADR Flashpoint: Not applicable

14.6 Sea (IMDG)

- IMDG UN No.: Not applicable
- Proper Shipping Name: Not applicable
- IMDG Hazard Class: Not applicable
- IMDG Pack Group.: Not applicable
- IMDG EmS: Not applicable
- IMDG subrisk: Not applicable
- IMDG Flashpoint: Not applicable

14.7 Air (ICAO/IATA)

- ICAO UN No.: Not applicable
- Proper Shipping Name: Not applicable
- ICAO Hazard Class: Not applicable
- ICAO Packing Group: Not applicable
- ICAO subrisk: Not applicable
- ICAO Flashpoint: Not applicable

14.8 DOT / CFR (US Department of Transportation)

- Identification Number: Not applicable
- DOT Proper Shipping Name: Not applicable
- DOT Labels: Not applicable
- Product RQ (lbs): Not applicable
- Hazardous Material: Not applicable
- Hazard Class: Not applicable
- DOT subrisk: Not applicable

SECTION 14 Transport information (....)

- DOT Flashpoint: Not applicable
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SECTION 15 Regulatory information

15.1 Safety, health and environmental regulations/legislation specific for the substance or mixture

- Council Directive 1999/45/EEC Classification, packing and labelling of dangerous preparations.
- Refer to The Dangerous Substances Directive (67/548/EEC)
- Regulations 1272/2008/EEC. Classification, labeling and packing of dangerous substances and preparations
- This Safety Data Sheet is provided in compliance with the EC Directive 1907/2006-453/2010
- Danish PR number: 1083427
-
- Composition information in accordance with EC Regulation 648/2004 of the European Parliament and of the Council of 31st March 2004 on detergents:

- Anionic surfactants	5-15	%
- Nonionic surfactants	5-15	%
- Perfume	0,1	%
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- This composition meets the criteria for not being harmful to the marine environment according to MARPOL Annex V and may be discharged into the sea when used to clean cargo holds and external surfaces on ships.
- Does not contain phosphate.
- Norwegian Productregistration no: 54077
- Offshore product registration number: Danish PR number: 1083427

15.2 Chemical Safety Assessment

- None
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SECTION 16 Other information

Text not given with phrase codes where they are used elsewhere in this safety data sheet:- H302: Harmful if swallowed. H314: Causes severe skin burns and eye damage. H315: Causes skin irritation. H318: Causes serious eye damage. H400: Very toxic to aquatic life. H411: Toxic to aquatic life with long lasting effects. R38: Irritating to skin. 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

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

OTHER CONTACT INFORMATION MAJOR CHEMICAL OFFICES

Wilhelmsen Ships Service Level 17, 636 St Kilda Road Melbourne Vic 3004 AUSTRALIA
Tel: +61 3 9630 0900 Emergency 24hrs: +61 3 9630 0998
Wilhelmsen Ships Service INC 210 Edgewater Street US-10305 Staten Island New York United States Telephone daytime: (+1) 718 815 1310 Fax: (+1) 718 233 3268
Wilhelmsen Ships Service INC 2200 W. Pacific Coast Highway US-90810 Long Beach California, United States Tel (+1) 562 624 8888 Fax (+1) 562 624 1011
Wilhelmsen Ships Service INC 701 Ashland Ave. Ashland Center Two, Bay 12 US- 19032 Folcroft

SECTION 16 Other information (....)

Pennsylvania United States Tel (+1) 610 586 7801 Fax (+1) 215 701 0646
Wilhelmsen Ships Service INC. 9400 New Century Drive US-77507 Pasadena Texas United States
Telephone daytime: (+1) 281 867 2000 Fax: (+1) 281 867 2800
Wilhelmsen Ships Service Ltd. Unit 3A NewtonsCourt Crossways DA2 6QL Dartford, Kent United
Kingdom Tel (+44) 1322 282 412 Fax (+44) 1322 284 774
Wilhelmsen Ships Service Ltda Rua Bispo Lacerda nos.61/67 Del Catilho BR 21051120 Rio de
Janeiro Brazil Tel (+55) 21 25 82 8000 Fax (+55) 21 25 82 8001
Wilhelmsen Ships Service (S) Pte Ltd 186 Pandan Loop Singapore 128376 Tel (+65) 6395 4545
Wilhelmsen Ships Service Co., Ltd 12-31 Torihama-cho Kanazawa-ku Yokohama-shi JP-236 0002,
Japan Tel (+81) 45 775 0012 Fax (+81) 45 775 0070
Wilhelmsen Ships Service Hellas SA 100, D. Moutsopoulou & Serifou str GR-185 41 Piraeus
Greece
Tel (+ 30) 210 4239100 Fax (+ 30) 210 4212480
Wilhelmsen Ships Service AS U.A.E . Fl 24 Executive Heights, Tecom C Sheikh Zayed Road
(East) Dubai United Arab Emirates Tel (+971) 4 382 3888
Wilhelmsen Ships Service AS, Willem Barentszstraat 50 3165 AB Rotterdam-Albrandswaard,
the Netherlands. Tel (+31) 10 4877 777

