
SAFETY DATA SHEET

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

1.1 Product identifier

- Product Name: AQUATUFF HIGH FOAM
- Product Part Number: 736991 (25 liter), 737007 (210 liter)

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

- Use of the substance/mixture:
- Degreaser
- Cleaning agent

1.3 Details of the supplier of the safety data sheet

- Name of Supplier: Wilhelmsen Ships Service AS
- Address of Supplier: Willem Barentzstraat 50, 3165AB Rotterdam, The Netherlands
- Telephone: +31 4877 777 Fax: +31 4877 888
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- Head office: Wilhelmsen Ships Service AS
- Strandveien 20, N1324 Lysaker
- Norway, Tel: (47) 6349 440 35
-
- Other suppliers SEE SECTION 16!!!
- For quotations contact your local Customer Services
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- Responsible Person: Product HSE Manager,
- Email: Email: WSS.GLOBAL.SDSINFO@wilhelmsen.com
- Telephone: Tel.: +31 10 4877775
- Responsible Person:

1.4 Emergency telephone number

- ****ONLY TO BE USED IN CASE OF AN INCIDENT****
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- International 24hrs Emergency NCEC:+ 44 1865 407333
- American Chemistry Council 24hrs +1 703 527 3887
- American 24hrs Emergency CHEMTREC (800) 424 9300
- Greece: Poisoning emergency center, +30 210 7793777
- Norway: Poison information centre, +47 22591300
- Sweden: Poison information centre, +46 08 33 12 31
- China NRCC 24hrs emergency telephone number: +86-0532-8388 9090
- 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:
- Causes burns (R34)
-

SECTION 2 Hazards identification (....)

- Regulations 1272/2008/EEC. Classification, labeling and packing of dangerous substances and preparations
- Signal Word: Danger
- Symbols: GHS05
- Skin Corr. 1A
- Met. Corr. 1
- Causes severe skin burns and eye damage (H314).
- May be corrosive to metals (H290).
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2.2 Label elements



- Signal Word: Danger
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- Contains:
- potassium hydroxide - disodium metasilicate - Fatty alcohol ethoxylates
- Disodium cocoamphodiacetate - 2-(2-butoxyethoxy)ethanol
- Hazard phrases
- Causes severe skin burns and eye damage (H314).
- May be corrosive to metals (H290).
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-
-
-
-
- Precautionary Phrases
- Wear protective gloves/protective clothing/eye protection/face protection (P280).
- IF SWALLOWED: rinse mouth. Do NOT induce vomiting (P301+P330+P331).
- IF ON SKIN (or hair): Remove/Take off immediately all contaminated clothing. Rinse skin with water/shower (P303+P361+P353).
- IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing (P305+P351+P338).
- Dispose of contents/container to an authorised waste collection point (P501)

2.3 Other hazards

- Not a PBT according to REACH Annex XIII
- Odour: Odourless
- Appearance: Liquid, clear, orange, soluble in water
- Inhalation: May cause irritation

SECTION 3 Composition/information on ingredients

3.1 Mixtures

- Fatty alcohol ethoxylate
- Concentration: 1-5%
- CAS Number: 160875-66-1
- EC Number: Not applicable
- R/H Phrases: R22, R41 - H302, H318
- Symbols: Xn, GHS07, GHS05

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

- Categories: Acute Tox. 4, Eye Dam. 1
- potassium hydroxide
Concentration: 1-5%
CAS Number: 1310-58-3
EC Number: 215-181-3
R/H Phrases: R22, R35 - H302, H290, H314
Symbols: C, GHS07, GHS05
Categories: Acute Tox. 4, Met. Corr. 1, Skin Corr. 1A
 - disodium metasilicate
Concentration: 1-5%
CAS Number: 6834-92-0
EC Number: 229-912-9
R/H Phrases: R34, R37 - H290, H314, H335
Symbols: C, GHS07, GHS05
Categories: Met. Corr. 1, Skin Corr. 1B, STOT SE 3
 - Disodium cocoamphodiacatate
Concentration: 1-5%
CAS Number: 68650-39-5
EC Number: Not applicable
R/H Phrases: R36 - H318
Symbols: Xi, GHS05
Categories: Eye Dam. 1
 - 2-(2-butoxyethoxy)ethanol
Concentration: 1-5%
CAS Number: 112-34-5
EC Number: 203-961-6
R/H Phrases: R36 - H319
Symbols: Xi, GHS07
Categories: Eye Irrit. 2

SECTION 4 First aid measures**4.1 Description of first aid measures**

- IF ON SKIN (or hair): Remove/Take off immediately all contaminated clothing. Rinse skin with water/shower (P303+P361+P353).
- Seek medical advice if necessary
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- IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing (P305+P351+P338).
- Get medical advice/attention (P313).
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- IF SWALLOWED: rinse mouth. Do NOT induce vomiting (P301+P330+P331).
- Give water or milk to drink
- Never make an unconscious person vomit or drink fluids
- Seek immediate medical attention
- IF INHALED: If breathing is difficult, remove victim to fresh air and keep at rest in a position comfortable for breathing (P304+P341).

4.2 Most important symptoms and effects, both acute and delayed

SECTION 4 First aid measures (....)

- In cases of severe exposure, blistering of the skin may develop
- Possible redness and irritation of affected areas
- The ingestion of significant quantities may cause damage to mucous membranes

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
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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

- Do not flush spilt material into any public water system

6.3 Methods and material for containment and cleaning up

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

6.4 Reference to other sections

- None
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SECTION 7 Handling and storage

7.1 Precautions for safe handling

- The usual precautions for handling chemicals should be observed
- See Section 8
- Eyewash bottles should be available

7.2 Conditions for safe storage, including any incompatibilities

- Store in a dry place (P402).
- Store in a well-ventilated place. Keep container tightly closed (P403+P233).
- 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

- potassium hydroxide
TLV (TWA) 2 mg/m³ ()
- 2-(2-butoxyethoxy)ethanol
WEL (long term) 68 mg/m³

8.2 Exposure controls

SECTION 8 Exposure controls/personal protection (....)

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

8.3 Occupational exposure controls

- Wear suitable protective clothing, including eye/face protection and gloves (plastic or rubber are recommended)
 - Penetration time of glove material:
The exact break through time has to be found out by the manufacturer of the protective gloves and has to be observed.
 - No respiratory protection is required unless subject to contact with substance mist
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SECTION 9 Physical and chemical properties**9.1 Information on basic physical and chemical properties**

- Odour: Odourless
- Appearance: Liquid, clear, orange, soluble in water
- pH 13 - 14 at 100 % concentration
- Vapour pressure - not known
- Completely soluble in water
- Density 1,045 - 1,055 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

- No hazardous reactions known if used for its intended purpose

10.4 Conditions to avoid

- Avoid overheating

10.5 Incompatible materials

- Incompatible with acid

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) (Surfactants) >300 mg/kg
- LD50 (oral,rat) (Alcoholethoxylate) 300-2000 mg/kg

11.2 Contact with eyes

- Can cause damage to the eyes

11.3 Contact with skin

- Causes redness and irritation
-

SECTION 11 Toxicological information (....)

- In cases of severe exposure, blistering of the skin may develop

11.4 Ingestion

- The ingestion of significant quantities may cause burning sensation
- The ingestion of significant quantities may cause damage to digestive system

11.5 Inhalation

- Inhalation is unlikely to occur
 - In cases of severe exposure, irritation may develop
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SECTION 12 Ecological information

12.1 Toxicity

- LC50 (fish) (Fatty alcohol ethoxylate) 1-10 mg/l (96 hr)
- EC50 (daphnia) (Disodiumcocoamphodiacetate) 25 mg/l (48 hr)
- Biodegradability. OECD-test. 28 days >60 % (Fatty alcohol ethoxylate)
- Biodegradability. OECD-test. 28 days >60 % (Disodiumcocoamphodiacetate)
- Biodegradability. OECD-test. 28 days >60 % (2-(2-Buthoxyethoxy)ethanol)

12.2 Persistence and degradability

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

SECTION 14 Transport information

14.1 UN

- UN No.: UN1719
- Proper Shipping Name: Caustic alkali liquid N.O.S. (potassium hydroxide solution)
- Hazard Class: 8
- Packing Group: III

14.2 Environmental hazards

- Not applicable

14.3 Special precautions for user

SECTION 14 Transport information (....)

- Forbidden on passenger aircraft
- 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.: UN1719
 - Proper Shipping Name: Caustic alkali liquid, n.o.s. (potassium hydroxide solution)
 - ADR Hazard Class: 8
 - ADR Packing Group: III
 - ADR subrisk: -
 - ADR Flashpoint: -
- 14.6 Sea (IMDG)
 - IMDG UN No.: UN1719
 - Proper Shipping Name: Caustic alkali liquid, n.o.s. (potassium hydroxide solution)
 - IMDG Hazard Class: 8
 - IMDG Pack Group.: III
 - IMDG EmS: F-A, S-B
 - IMDG subrisk: -
 - IMDG Flashpoint: -
- 14.7 Air (ICAO/IATA)
 - ICAO UN No.: UN1719
 - Proper Shipping Name: Caustic alkali liquid, n.o.s. (potassium hydroxide solution)
 - ICAO Hazard Class: 8
 - ICAO Packing Group: III
 - ICAO subrisk: -
 - ICAO Flashpoint: -
- 14.8 DOT / CFR (US Department of Transportation)
 - Identification Number: UN1719
 - DOT Proper Shipping Name: Caustic alkali liquid, n.o.s. (potassium hydroxide solution)
 - DOT Labels: 8
 - Product RQ (lbs): -
 - Hazardous Material: potassium hydroxide solution
 - Hazard Class: 8
 - DOT subrisk: -
 - DOT Flashpoint: -

SECTION 15 Regulatory information

- 15.1 Safety, health and environmental regulations/legislation specific for the substance or mixture
 - Regulations 1272/2008/EEC. Classification, labeling and packing of dangerous substances and preparations
 - Nonionic surfactants 5-15 %
 - Anionic surfactants <5 %
 - Norwegian Productregistration no: 150340
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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.
- 15.2 Chemical Safety Assessment

SECTION 15 Regulatory information (....)

- None

SECTION 16 Other information

Text not given with phrase codes where they are used elsewhere in this safety data sheet:- H290: May be corrosive to metals. H302: Harmful if swallowed. H314: Causes severe skin burns and eye damage. H318: Causes serious eye damage. H319: Causes serious eye irritation. H335: May cause respiratory irritation. R22: Harmful if swallowed. R34: Causes burns. R35: Causes severe 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

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

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