
SAFETY DATA SHEET

SECTION 1 Identification of the substance/mixture and of the company/undertaking**1.1 Product identifier**

- Product Name: HP WASH
- Product Part Number: 571729 (25 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
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
- Irritating to eyes (R36)
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- Classification according to Regulation (EC) No 1272/2008
- Signal Word: Danger
- Symbols: GHS05

SECTION 2 Hazards identification (....)

- Eye Dam. 1
- Skin Irrit. 2

2.2 Label elements



- Signal Word: Danger
-
- Contains:
 - Disodiummetasilicate
 - sodium carbonate
 - C6 Alkylglucoside
 - Fatty alcohol ethoxylate
 - 2-(2-Butoksyethoxy)ethanol
 -
- Hazard phrases
 - Causes serious eye damage (H318).
 - Causes skin irritation (H315).
- 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).
 - Call a POISON CENTER or doctor/physician if you feel unwell (P312).

2.3 Other hazards

- Odour: Odourless
- Appearance: Liquid, colourless, soluble in water
- Inhalation: Vapours or aerosols may cause irritation of eyes, nose and respiratory tract
- Ingestion: The ingestion of significant quantities may cause gastro-intestinal disturbances
- Not a PBT according to REACH Annex XIII

SECTION 3 Composition/information on ingredients

3.1 Mixtures

- Sodium Carbonate
 - Concentration: 1-5%
 - CAS Number: 497-19-8
 - EC Number: 207-838-8
 - R/H Phrases: R36 - H319
 - Symbols: Xi, GHS07
 - Categories: Eye Irrit. 2
- 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, GHS05, GHS07
 - Categories: Met. Corr. 1, Skin Corr. 1B, STOT SE 3

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

- C6 Alkylglucoside
Concentration: 1-5%
CAS Number: 54549-24-5
EC Number: 259-217-6
R/H Phrases: R41 - H318
Symbols: Xi, GHS05
Categories: Eye Dam. 1
 - Fatty alcohol ethoxylate
Concentration: 1-5%
CAS Number: 160875-66-1
EC Number: Not applicable
R/H Phrases: R41 - H318, H302
Symbols: Xi, GHS05, GHS07
Categories: Eye Dam. 1, Acute Tox. 4
 - 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
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SECTION 4 First aid measures

4.1 Description of first aid measures

- IF ON SKIN: Wash with plenty of soap and water (P302+P352).
- Contaminated clothing should be laundered before reuse
- Seek medical attention if irritation persists
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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).
- Seek medical attention if irritation persists
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- IF SWALLOWED: rinse mouth. Do NOT induce vomiting (P301+P330+P331).
- Give plenty of water to drink
- Seek medical attention if irritation persists
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- IF INHALED: If breathing is difficult, remove victim to fresh air and keep at rest in a position comfortable for breathing (P304+P341).
- Seek medical attention if irritation persists

4.2 Most important symptoms and effects, both acute and delayed

- Possible redness and irritation of affected areas

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

SECTION 5 Fire-fighting measures (....)

- 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
- Smoke from fires is irritating
 - Wear 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
- No special precautions are required for this product
- 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
- Wear protective clothing as per section 8
 - Do not get in eyes, on skin, or on clothing (P262).
 - Eyewash bottles should be available
- 7.2 Conditions for safe storage, including any incompatibilities
- Keep in a cool, dry, well ventilated place
 - 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 (Potassium hydroxide)
 - 2-(butoxyethoxy)ethanol
Lowest value OES / STEL 15 ppm ^ 100 mg/m³ (CAS:112-34-5)
Lowest value OES / LTEL 10 ppm ^ 50 mg/m³ (CAS:112-34-5)
CAS:112-34-5
Lowest vallue:TLV (TWA) 10 ppm, 50mg/m³
European Union: TLV (TWA) 10 ppm, 67,5 mg/m³
- 8.2 Exposure controls
- No special ventilation is required unless the product is used in a spray form
- 8.3 Occupational exposure controls



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

- Wear suitable protective clothing, including eye/face protection and gloves (plastic or rubber are recommended)
 - 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, colourless, soluble in water
- pH 12-13 at 100 % concentration
- pH 11 at 1 % concentration
- Boiling point >100 °C to 760 °C

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

- 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) (Alkholethoxylate) >2000 mg/kg
- LD50 (oral, rat) (2-(2-butoxyethoxy)ethanol) >2000 mg/kg

11.2 Contact with eyes

- Causes irritation

11.3 Contact with skin

- May cause redness and irritation

11.4 Ingestion

- May cause gastro-intestinal disturbances

11.5 Inhalation

- Vapours or aerosols may cause irritation of eyes, nose and respiratory tract
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SECTION 12 Ecological information

12.1 Toxicity

- LC50 (fish) (Alkylglucoside) >100 mg/l (96 hr)
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SECTION 12 Ecological information (....)

- LC50 (fish) 2-(2-butoxyethoxy)ethanol 2500 mg/l (96 hr)
- LC50 (fish) (Alcohol ethoxylate) 1-10 mg/l ()
- This product does not contain ingredients which are classified in the EU as dangerous for the environment.

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

- Presents little or no hazard to the aquatic environment
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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

- 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

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

14.6 Sea (IMDG)

- IMDG UN No.: Not applicable
 - Proper Shipping Name: Not applicable
 - IMDG Hazard Class: Not applicable
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SECTION 14 Transport information (....)

- IMDG Pack Group.: Not applicable
- IMDG EmS: 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

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

SECTION 15 Regulatory information

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

- 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.
- Council Directive 1999/45/EEC Classification, packing and labelling of dangerous preparations.
- Refer to The Dangerous Substances Directive (67/548/EEC)
- This Safety Data Sheet is provided in compliance with the EC Directive 1907/2006-453/2010
- Danish PR number: 1083419
- Does not contain phosphate.
- This product contains Disodiummetasilicate, carbonates and small amounts of potassiumhydroxide.
- These components act as buffers and "holds" pH even when amounts are low. Testing of product due to OECD 431 "In vitro skin corrosion" - verifies that this product is not corrosive.
- Composition information in accordance with EC Regulation 648/2004 of the European non-Parliament and of the Council of 31st March 2004 on detergents:

15.2 Chemical Safety Assessment

- None

ionic
surfa
ctant
s 5-
15%

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. 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

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

SECTION 16 Other information (....)

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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