
SAFETY DATA SHEET

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

1.1 Product identifier

- Product Name: AQUABREAK PX
- Product Part Number: 575613 (25 liter), 575605 (210 liter)

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

- Degreaser
- 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.
- Refer to current 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

2.2 Label elements



- Signal Word: Danger
-
- Contains:
 - Alkylglucosid
 - Primary C9-C11 alcoholethoxylate
 - 2-(2-butoxyethoxy)ethanol
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- Hazard phrases
 - Causes serious eye damage (H318).
- Precautionary Phrases
 - Wear protective gloves/protective clothing/eye protection/face protection (P280).
 - IF ON CLOTHING: rinse immediately contaminated clothing and skin with plenty of water before removing clothes (P306+P360).
 - 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

- Not applicable
- Not a PBT according to REACH Annex XIII
- Appearance: Liquid, pale yellow, soluble in water
- Odour: Characteristic odour

SECTION 3 Composition/information on ingredients

3.1 Mixtures

- Primary C9-C11 alcoholethoxylate
 - Concentration: 1-5%
 - CAS Number: 68439-46-3
 - EC Number: Not applicable
 - R/H Phrases: R38, R41 - H315, H318
 - Symbols: Xi, GHS05
 - Categories: Skin Irrit. 2, Eye Dam. 1
- Alkylglucoside
 - Concentration: 1-5 %
 - CAS Number: 161074-93-7
 - EC Number: 500-529-1
 - R/H Phrases: R41 - H318
 - Symbols: Xi, GHS05
 - Categories: Eye Dam. 1
- 2-2(butoxyethoxy)ethanol
 - Concentration: 1-5 %
 - CAS Number: 112-34-5

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

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

- Inhalation:
 - Remove patient to fresh air
 - Keep warm and at rest, in a half upright position. Loosen clothing
 - Seek medical attention if irritation persists
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- Ingestion:
 - Never give anything by mouth to an unconscious person
 - Give plenty of water to drink
 - Obtain immediate medical attention
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- Contact with eyes:
 - If substance has got into eyes, immediately wash out with plenty of water for at least 15 minutes
 - Seek medical attention if irritation persists
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- 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

4.2 Most important symptoms and effects, both acute and delayed

- Can cause damage to the eyes
- Possible 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

- 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 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

SECTION 6 Accidental release measures (....)

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

6.4 Reference to other sections

- 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
- Eyewash bottles should be available
- See Section 8

7.2 Conditions for safe storage, including any incompatibilities

- 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

- 2-(butoxyethoxy)ethanol
TLV (TWA) 68 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



- 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
 - Wear suitable respiratory protection. Gas cartridge (organic substances).
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SECTION 9 Physical and chemical properties

9.1 Information on basic physical and chemical properties

- Odour: Characteristic odour
- Appearance: Liquid, pale yellow, soluble in water
- pH 10.5 - 11.5 at 5 - 10 % concentration
- Boiling point >100 °C to 760 °C
- Completely soluble in water
- Density 1,020 - 1,030 g/cm³ at 20 deg C

9.2 Other information

- No information available
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SECTION 10 Stability and reactivity

10.1 Reactivity

- This article is considered stable under normal conditions

10.2 Chemical stability

SECTION 10 Stability and reactivity (....)

- 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
- Keep away from frost
- 10.5 Incompatible materials
- None
- 10.6 Hazardous Decomposition Products
- None
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SECTION 11 Toxicological information

- 11.1 Information on toxicological effects
- LD50 (oral, rat) (Alcholethoxylate) >300 mg/kg
 - LD50 (oral, rat) (Alkylglucoside) >2000-5000 mg/kg
- 11.2 Contact with eyes
- Causes irritation
- 11.3 Contact with skin
- In cases of severe exposure, redness and irritation may develop
- 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
- This product does not contain ingredients which are classified in the EU as dangerous for the environment.
 - LC50 (fish) (Alcholethoxylate) 1-10 mg/l (96 hr)
 - Biodegradability. OECD-test. 28 days >60 % (Alcholethoxylate)
 - LC50 (fish) (Alkylglucoside) >100 mg/l (96 hr)
 - Biodegradability. OECD-test. 28 days >60 % (Alkylglucoside)
 - Biodegradability. OECD-test. 28 days >60 % (2-(2-Buthoxyethoxy)ethanol)
 - This product contains an alkaline substance which may cause a high pH-value.
 - Effect depends on waterquality and the organisms tolerance due to pH-value.
- 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
- 12.6 Other Adverse Effects
- No environmental problems are expected when the product is used / handled correctly.
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SECTION 13 Disposal considerations

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: -----
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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
- 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
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SECTION 15 Regulatory information

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

SECTION 15 Regulatory information (....)

- Composition information in accordance with EC Regulation 648/2004 of the European Parliament and of the Council of 31st March 2004 on detergents:
- Nonionic surfactants 5-15 %
- 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
- Classification according to Regulation (EC) No 1272/2008
- Does not contain phosphate.
- Danish PR number: 1085764

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:- H315: Causes skin irritation. H318: Causes serious eye damage. H319: Causes serious eye irritation. R36: Irritating to eyes. 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

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SECTION 16 Other information (....)

