

SAFETY DATA SHEET

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

Product Name: **AQUABREAK PX**
 Datasheet Number: 575613 10. 0. 0
 Use of the substance/preparation: Cleaning agent
 Product Part Number: 575613 (25 liter), 575605 (210 liter)
 Head Office:: Wilhelmsen Ships Service AS
 address: Strandveien 20, N1324 Lysaker, Norway, Tel: (+47) 67 58 45 50
 Name of Supplier: Wilhelmsen Ships Service AS
 Address of Supplier: Willem Barentszstraat 50
 3165AB Rotterdam
 The Netherlands
 Telephone: +31 10 4877 777
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 Responsible Person: Patrick Rijdsdijk, Product HSE Manager, Tel.: +31 6 349 440 35
 Email: Patrick.Rijdsdijk@Wilhelmsen.com
 Emergency Telephone: ****ONLY TO BE USED IN CASE OF AN INCIDENT****
 NCEC: +44 1865 407333, CHEMTREC (800) 424 9300
 American Chemistry Council +1 703 527 3887,
 Greece +30 210 7793777

2 Hazards identification



Irritant

- Odour: Characteristic odour
- Appearance: Liquid, pale yellow, soluble in water
- Contact with eyes: Causes irritation
- Contact with skin: In cases of severe exposure, irritation may develop
- Inhalation: Vapours or aerosols may cause irritation of eyes, nose and respiratory tract
- Ingestion: The ingestion of significant quantities may cause gastro-intestinal disturbances

Classification of the substance or mixture

- Council Directive 1999/45/EEC Classification, packing and labelling of dangerous preparations.

Risk Phrases

- Irritating to eyes (R36)

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)
- Keep out of reach of children (S2)

3 Composition/information on ingredients

Chemical Name	Concentration	CAS Number	EC Number	R/H Phrases*	Symbols
Fatty alcohol ethoxylate	5-10 %	34398-01-1	500-084-3	22, 41	Xn
Alkylglucoside	1-5 %	161074-93-7	500-529-1	41	Xi

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

2-2(butoxyethoxy)ethanol	1-5 %	112-34-5	203-961-6	36	Xi
Non classified ingredients	60-90 %	-	-	-	-

*See Section 16

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
- Seek medical advice if necessary

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

Ingestion

- Never give anything by mouth to an unconscious person
- Give plenty of water to drink
- Obtain immediate medical attention

Inhalation

- Remove patient to fresh air
- Keep warm and at rest, in a half upright position. Loosen clothing
- Seek medical attention if irritation persists

General

- In case of accident or if you feel unwell, seek medical advice immediately (show the label where possible) (S45)
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5 Fire-fighting measures

- Smoke from fires is irritating
 - Not flammable. In case of fire use extinguishing media appropriate to surrounding conditions
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6 Accidental release measures

Personal precautions, protective equipment and emergency procedures

- Wear protective clothing as per section 8

Environmental Precautions

- No special precautions are required for this product

Methods and material for containment and cleaning up

- Absorb spillage in inert material and shovel up
 - Flush spill area with copious amounts of water
 - Shut off source of leak if safe to do so
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7 Handling and storage

Precautions for safe handling

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

Conditions for safe storage, including any incompatibilities

- Keep only in the original container in a cool, well ventilated place (S3/9/49)
 - Protect from frost
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8 Exposure controls/personal protection

Control parameters

- 2-(2-butoxyethoxy)ethanol
TLV (TWA) 68 mg/m³ ()

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)
- No respiratory protection is required unless subject to contact with substance mist



Gloves



Goggles



Suit

No Smoking

9 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 at 760 mm /Hg
 - Completely soluble in water
 - Density 1,030 g/cm³ at 20 deg C
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10 Stability and reactivity

- This article is considered stable under normal conditions
 - See Section 5
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11 Toxicological information

Information on toxicological effects

- No experimental data available

Inhalation

- Vapours or aerosols may cause irritation of eyes, nose and respiratory tract

Contact with skin

- In cases of severe exposure, redness and irritation may develop

Contact with eyes

- Causes irritation

Ingestion

- May cause gastro-intestinal disturbances

Carcinogenicity

- No evidence of carcinogenic effects
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12 Ecological information

Ecotoxicity

- This product does not contain ingredients which are classified in the EU as dangerous for the environment.
 - The product was found to meet the requirements of paragraph 1.8.2 of the P&A Standards and is included in MEPC.2/Circ.8
 - LC50 (fish) (Fatty alcohol ethoxylate) 1-10 mg/l (96 hr)
 - Biodegradability. OECD-test. 28 days >60 % (Fatty alcohol ethoxylate)
 - LC50 (fish) (Alkylglucoside) >100 mg/l (96 hr)
-

12 Ecological information (....)

- Biodegradability. OECD-test. 28 days >60 % (Alkylglucoside)
- Biodegradability. OECD-test. 28 days >60 % (2-(2-Buthoxyethoxy)ethanol)

Persistence and degradability

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

Bioaccumulation Potential

- Bioaccumulation of the components in this product is insignificant.

Mobility in soil

- Completely soluble in water

Other Adverse Effects

- No environmental problems are expected when the product is used / handled correctly.
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13 Disposal considerations

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

Classification

- This material and/or its container must be disposed of as hazardous waste
 - EU Waste class: -
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14 Transport information

Special precautions for user

- Not classified as hazardous for transport
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15 Regulatory information

Classification and labelling

- 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)

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

- This Safety Data Sheet has been prepared in accordance with article 31 and annex II in REACH and Directive 453/2010/EU.
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 - Composition information in accordance with Regulation (EC) No 648/2004 of the European Parliament and of the Council of 31 March 2004 on detergents:

- Nonionic surfactants	5-15	%
- Phosphates	<5	%
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16 Other information

Text of R and S phrase codes used in this safety data sheet:- R22: Harmful if swallowed; R36: Irritating to eyes; 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 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

16 Other information (....)

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