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## SAFETY DATA SHEET

This Safety Data Sheet is provided in compliance with the EC Directive 1907/2006-453/2010

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

#### 1.1 Product identifier

- Product Name: P ALKALINITY INDICATOR MPA1X2
- Product Part Number: 777124

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

- Use of the substance/mixture:
- Reagent

#### 1.3 Details of the supplier of the safety data sheet

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

#### 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 24hrs Emergency CHEMTREC (800) 424 9300
- American Chemistry Council 24hrs +1 703 527 3887
- 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
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- The Netherlands: National Poisons Information Centre + 31 30 274 88 88

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### SECTION 2 Hazards identification

#### 2.1 Classification of the substance or mixture

## **SECTION 2 Hazards identification (....)**

### 2.2 Label elements

- Not classified as hazardous for users
- Hazard phrases  
Not applicable
- Precautionary Phrases  
Not applicable

### 2.3 Other hazards

- Odour: Alcohol odour
- Appearance: Liquid, colourless, soluble in water

## **SECTION 3 Composition/information on ingredients**

### 3.1 Mixtures

- Not classified  
Concentration:  
CAS Number: Not applicable  
EC Number: Not applicable  
Symbols: Not applicable  
R/H Phrases: Not applicable  
Categories: Not applicable

## **SECTION 4 First aid measures**

### 4.1 Description of first aid measures

- IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing (P305+P351+P338).
- When in doubt or symptoms persist, seek medical attention
- 
- IF SWALLOWED: rinse mouth. Do NOT induce vomiting (P301+P330+P331).
- Give plenty of water to drink
- When in doubt or symptoms persist, seek 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).
- When in doubt or symptoms persist, seek medical attention
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- Contact with skin: Not applicable

### 4.2 Most important symptoms and effects, both acute and delayed

- The ingestion of significant quantities may cause dry throat

### 4.3 Indication of any immediate medical attention and special treatment needed

- No information available

## **SECTION 5 Fire-fighting measures**

### 5.1 Extinguishing media

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

- In case of fire: use water, alcohol resistant foam or dry agent for extinction (P370+P378)

### 5.2 Special hazards arising from the substance or mixture

- No information available

### 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 allow to enter public sewers and watercourses

### 6.3 Methods and material for containment and cleaning up

- Absorb spillage in earth or sand
- Collect spillage (P391).
- Place in appropriate container

### 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

### 7.2 Conditions for safe storage, including any incompatibilities

- Keep in a cool, dry, well ventilated place
- Keep only in original container (P234).

### 7.3 Specific end use(s)

- Restricted to professional users
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## **SECTION 8 Exposure controls/personal protection**

### 8.1 Control parameters

- Not applicable

### 8.2 Exposure controls

- No special precautions are required for this product

### 8.3 Occupational exposure controls



- Wear neoprene or nitrile gloves
  - Wear goggles giving complete eye protection
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## **SECTION 9 Physical and chemical properties**

## **SECTION 9 Physical and chemical properties (....)**

### 9.1 Information on basic physical and chemical properties

- Odour: Odourless
- Appearance: Liquid, colourless
- Completely soluble in water

### 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 Possibility of hazardous reactions

- No hazardous reactions known if used for its intended purpose

### 10.3 Incompatible materials

- Not applicable

### 10.4 Conditions to avoid

- Not applicable

### 10.5 Hazardous Decomposition Products

- Not applicable
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## **SECTION 11 Toxicological information**

### 11.1 Information on toxicological effects

- No information available

### 11.2 Contact with eyes

- Not applicable

### 11.3 Contact with skin

- Not applicable

### 11.4 Ingestion

- Not applicable

### 11.5 Inhalation

- Not applicable
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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.

### 12.2 Persistence and degradability

- No information available

### 12.3 Bioaccumulation Potential

- No information available

### 12.4 Mobility in soil

- No information available
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## **SECTION 12 Ecological information (....)**

### 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

- 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 Classified

### 14.5 Road/Rail (ADR/RID)

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

- ICAO Packing Group: Not applicable
- ICAO Hazard Class: Not applicable
- ICAO subrisk: 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**

- This Safety Data Sheet has been prepared in accordance with article 31 and annex II in REACH and Directive 453/2010/EU.
- This Safety Data Sheet is provided in compliance with The Dangerous Substances Directive (67/548/EEC)
- Regulations 1272/2008/EEC. Classification, labeling and packing of dangerous substances and preparations
- Council Directive 1999/45/EEC Classification, packing and labelling of dangerous preparations.

**15.2 Chemical Safety Assessment**

- None
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**SECTION 16 Other information**

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 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 information provided about the product on this Safety Data Sheet has been compiled from knowledge of the individual constituents

The most up-to-date version of this MSDS can be found on [www.wilhelmsen.com/shipsservice](http://www.wilhelmsen.com/shipsservice)

**OTHER CONTACT INFORMATION MAJOR CHEMICAL OFFICES**

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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 Pennsylvania United States  
Tel (+1) 610 586 7801 Fax (+1) 215 701 0646

**SECTION 16 Other information (....)**

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Telephone daytime: (+1) 281 867 2000 Fax: (+1) 281 867 2800

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