
SAFETY DATA SHEET

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

1.1 Product identifier

- Product Name: ALKALINITY TITRATION PACK M250
- Product Part Number: 777055
- Other parts in this kit: P ALKALINITY INDICATOR (EDP 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: +31 4877 777 Fax: +31 4877 888
- 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
- Responsible Person: Product HSE Manager,
- Email: Email: WSS.GLOBAL.SDSINFO@wilhelmsen.com
- Telephone: Tel.: +31 10 4877775

1.4 Emergency telephone number

- ****ONLY TO BE USED IN CASE OF AN INCIDENT****
- 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

- Not Classified

2.2 Label elements

- Hazard phrases
Not applicable
- Precautionary Phrases
Keep out of reach of children (P102).

2.3 Other hazards

SECTION 2 Hazards identification (....)

- Odour: Odourless
 - Appearance: Liquid, colourless, miscible with water
 - Contact with eyes: May cause redness and irritation
 - Contact with skin: May cause redness and irritation
 - Ingestion: May cause irritation
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SECTION 3 Composition/information on ingredients

3.1 Mixtures

- sulphuric acid ... %
Concentration: <0,5%
CAS Number: 7664-93-9
EC Number: 231-639-5
R/H Phrases: H314, R35
Symbols: GHS05, C
Categories: Skin Corr. 1A
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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).
- IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing (P305+P351+P338).
- IF SWALLOWED: rinse mouth. Do NOT induce vomiting (P301+P330+P331).
- When in doubt or symptoms persist, seek medical attention

4.2 Most important symptoms and effects, both acute and delayed

- Possible redness and irritation of affected areas
- The ingestion of significant quantities may cause nausea/vomiting

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

- Low hazard

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
- Shut off source of leak if safe to do so
- Wash thoroughly after dealing with spillage

6.2 Environmental Precautions

- Do not allow to enter public sewers and watercourses
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SECTION 6 Accidental release measures (....)

- Do not flush spilt material into any public water system
- 6.3 Methods and material for containment and cleaning up
- Absorb spillage in earth or sand
 - Place in sealable container
 - Seal containers and label them
- 6.4 Reference to other sections
- None
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SECTION 7 Handling and storage

- 7.1 Precautions for safe handling
- Eyewash bottles should be available
 - Do not get in eyes, on skin, or on clothing (P262).
 - See 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
- SULPHURIC ACID
TLV (TWA) 1 mg/m³ ()
- 8.2 Exposure controls
- No special precautions are required for this product
- 8.3 Occupational exposure controls



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

- 9.1 Information on basic physical and chemical properties
- Odour: Odourless
 - Appearance: Liquid, colourless, miscible with water
 - pH <2
 - Boiling point >35 °C
 - Flash point >93 deg C (CC)
- 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
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SECTION 10 Stability and reactivity (....)

10.2 Chemical stability

- This article is 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 heat, light and moisture

10.5 Incompatible materials

- Incompatible with alkalis (strong bases)

10.6 Hazardous Decomposition Products

- Decomposition products may include sulphur oxides
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SECTION 11 Toxicological information

11.1 Information on toxicological effects

- No information available

11.2 Contact with eyes

- May cause redness and irritation

11.3 Contact with skin

- May cause redness and irritation

11.4 Ingestion

- In cases of severe exposure, dizziness, confusion, headache or stupor may develop

11.5 Inhalation

- Not applicable
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SECTION 12 Ecological information

12.1 Toxicity

- No information available

12.2 Persistence and degradability

- No information available

12.3 Bioaccumulation Potential

- No information available

12.4 Mobility in soil

- No information available

12.5 Results of PBT and vPvB assessment

- Not a PBT according to REACH Annex XIII

12.6 Other Adverse Effects

- Not 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
- Dispose of contents/container to an authorised waste collection point (P501)

13.2 Classification

- EU Waste class: 16 05 06
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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 as hazardous for transport

14.4 Transport in bulk according to Annex II of MARPOL 73/78 and the IBC code

- Not Classified
- Not applicable
- 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

- This Safety Data Sheet has been prepared in accordance with article 31 and annex II in REACH and Directive 453/2010/EU.
- Regulations 1272/2008/EEC. Classification, labeling and packing of dangerous substances and preparations

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:- H314: Causes severe skin burns and eye damage. R35: Causes severe burns.

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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