
SAFETY DATA SHEET

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

- Datasheet Number: 777938
- Product Name: CHLORINE HR TABLETS
- Product Part Number: 777938

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

- Reagent for water analysis

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

-
- 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

NCEC:+44 1865 407333, CHEMTREC (800) 424 9300

American Chemistry Council +1 703 527 3887,

Greece +30 210 7793777Australia: +61 3 9630 0998

Giftinformasjonssentralen in Norway Tel.: +47 22591300

Wilhelmsen Ships Service Melbourne AUSTRALIA Emergency 24hrs: +61 3 9630 0998

****FOR QUOTATIONS PLEASE CONTACT YOUR LOCAL CUSTOMER SERVICES****

SECTION 2 Hazards identification**2.1 Classification of the substance or mixture**

- Not Classified

2.2 Label elements

- None

2.3 Other hazards

- Ingestion: In cases of severe exposure, nausea/vomiting may develop

SECTION 3 Composition/information on ingredients

3.1 Mixtures

- Non-classified ingredients
-

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 INHALED: If breathing is difficult, remove victim to fresh air and keep at rest in a position comfortable for breathing (P304+P341).
- IF SWALLOWED: Immediately call a POISON CENTER or doctor/physician (P301+P310).
- When in doubt or symptoms persist, seek medical attention

4.2 Most important symptoms and effects, both acute and delayed

- The ingestion of significant quantities may cause nausea/vomiting

4.3 Indication of any immediate medical attention and special treatment needed

- No information available
-

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 toxic
- Hydrogen chloride may be formed
- iodine compounds
- dipotassium oxide

5.3 Advice for firefighters

- Wear chemical protection suit and positive-pressure breathing apparatus
-

SECTION 6 Accidental release measures

6.1 Personal precautions, protective equipment and emergency procedures

- Avoid raising dust
- 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

- Remove by mechanical means

6.4 Reference to other sections

- See Section 13
-

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 place
 - Protect from moist air
 - Keep away from oxidisers, heat, flames or ignition sources
-

SECTION 7 Handling and storage (....)

- Store at temperatures not exceeding 5 +/- 20°C/ (P411)

7.3 Specific end use(s)

- Not applicable
-

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

- Ensure adequate ventilation
 - Wear suitable dustmask e.g.to BS 2091
 - Wear nitrile gloves
 - Penetration time of glove material:
The exact break through time has to be found out by the manufacturer of the protective gloves and has to be observed.
 - Wear goggles giving complete eye protection
-

SECTION 9 Physical and chemical properties

9.1 Information on basic physical and chemical properties

- Appearance: Tablets, white
- Odour: Odourless
- Density: Density 3.13 g/cm³ at 20 deg C
- pH: pH: 6.3 - (19.6 g/l at 20C
- Melting point/Range: Melting point 686 °C
- Boiling Point/Range: Boiling point 1330 °C
- Solubility in water: Water solubility at 20C 1430 g/l

9.2 Other information

- No information available
-

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

- Incompatible with alkali metals
- Incompatible with oxidizing substances

10.4 Hazardous Decomposition Products

- Hydrogen chloride may be formed
 - iodine compounds
 - dipotassium oxide
-

SECTION 11 Toxicological information

11.1 Information on toxicological effects

- No experimental data available
-

SECTION 11 Toxicological information (....)

11.2 Contact with eyes

- Causes irritation

11.3 Contact with skin

- Not applicable

11.4 Ingestion

- The ingestion of significant quantities may cause nausea/vomiting

11.5 Inhalation

- In cases of severe exposure, irritation may develop
-

SECTION 12 Ecological information

12.1 Toxicity

- No information available

12.2 Persistence and degradability

- No information available

12.3 Bioaccumulation Potential

- Not applicable

12.4 Mobility in soil

- Not applicable

12.5 Results of PBT and vPvB assessment

- Not applicable

12.6 Other Adverse Effects

- No information available
-

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: 16-05-09
-

SECTION 14 Transport information

14.1 UN

- Not applicable

14.2 Proper Shipping Name

- Not applicable

14.3 Packing group

- Not applicable

14.4 Environmental hazards

- On available data, substance is not harmful to the environment

14.5 Special precautions for user

- No special precautions are required for this product

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

- Not applicable
-

SECTION 15 Regulatory information

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

- This Safety Data Sheet is provided in compliance with the EC Directive 1907/2006-453/2010
- Not classified as hazardous for supply
- This product is not classified as hazardous according to Directive 1999/45/EEC
- Not hazardous according to current The Dangerous Substances Directive (67/548/EEC)

15.2 Chemical Safety Assessment

- None
-

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

SECTION 16 Other information (....)

The most up-to-date version of this MSDS can be found on www.wilhelmsen.com/shipsservice

OTHER CONTACT INFORMATION MAJOR CHEMICAL OFFICES

Wilhelmsen Ships Service Level 17, 636 St Kilda Road Melbourne Vic 3004 AUSTRALIA
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

Wilhelmsen Ships Service INC. 9400 New Century Drive US-77507 Pasadena Texas United States
Telephone daytime: (+1) 281 867 2000 Fax: (+1) 281 867 2800

Wilhelmsen Ships Service Ltd. Unit 3A NewtonsCourt Crossways DA2 6QL Dartford, Kent United
Kingdom Tel (+44) 1322 282 412 Fax (+44) 1322 284 774

Wilhelmsen Ships Service Ltda Rua Bispo Lacerda nos.61/67 Del Catilho BR 21051120 Rio de Janeiro
Brazil Tel (+55) 21 25 82 8000 Fax (+55) 21 25 82 8001

Wilhelmsen Ships Service (S) Pte Ltd 186 Pandan Loop Singapore 128376 Tel (+65) 6395 4545

Wilhelmsen Ships Service Co., Ltd 12-31 Torihama-cho Kanazawa-ku Yokohama-shi JP-236 0002,
Japan Tel (+81) 45 775 0012 Fax (+81) 45 775 0070

Wilhelmsen Ships Service Hellas SA 100, D. Moutsopoulou & Serifou str GR-185 41 Piraeus Greece
Tel (+ 30) 210 4239100 Fax (+ 30) 210 4212480

Wilhelmsen Ships Service AS U.A.E . Fl 24 Executive Heights, Tecom C Sheikh Zayed Road (East)
Dubai United Arab Emirates Tel (+971) 4 382 3888

Wilhelmsen Ships Service AS, Willem Barentszstraat 50 3165 AB Rotterdam-Albrandswaard,
the Netherlands. Tel (+31) 10 4877 777

