



SAFETY DATA SHEET

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

1.1 Product identifier

- Product Name: DEHA TEST SOLUTION
- Product Part Number: 698761

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

- Use of the substance/mixture: Cleaning agent

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
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- 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

SECTION 2 Hazards identification

2.1 Classification of the substance or mixture

- Council Directive 1999/45/EEC Classification, packing and labelling of dangerous preparations.
- Dangerous Substances Directive (67/548/EEC). Classification, packaging and labelling of dangerous substances
- Symbols: Xi
- Irritating to skin (R38)
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- Regulations 1272/2008/EEC. Classification, labeling and packing of dangerous substances and preparations
- Signal Word: Warning

SECTION 2 Hazards identification (....)

- Symbols: GHS07
- Skin Irrit. 2
- Eye Irrit. 2
- Causes skin irritation (H315).
- Causes serious eye irritation (H319).

2.2 Label elements



- Signal Word: Warning
- Skin Irrit. 2
- Eye Irrit. 2
-
- Contains:
- NITRIC ACID
-
- Hazard phrases
 - Causes serious eye damage (H318).
 - Causes serious eye irritation (H319).
 - Causes skin irritation (H315).
- Precautionary Phrases
 - Do not get in eyes, on skin, or on clothing (P262).
 - IF SWALLOWED: Immediately call a POISON CENTER or doctor/physician (P301+P310).
 - Wear protective gloves/protective clothing/eye protection/face protection (P280).

2.3 Other hazards

- Not a PBT according to REACH Annex XIII
- Not applicable
- Appearance: Liquid, colourless
- Odour: Odourless

SECTION 3 Composition/information on ingredients

3.1 Mixtures

- nitric acid ... %
 - Concentration: 4,95%
 - CAS Number: 7697-37-2
 - EC Number: 231-714-2
 - Symbols: GHS03,GHS05, O, C
 - R/H Phrases: H272,H314, R8,R35
 - Categories: Ox. Liq. 3 Skin Corr. 1A

SECTION 4 First aid measures

4.1 Description of first aid measures

- Contact with skin:
- Wash with plenty of soap and water (P352).
- When in doubt or symptoms persist, seek medical attention

SECTION 4 First aid measures (....)

- Contact with eyes:
- If substance has got into eyes, immediately wash out with plenty of water for at least 15 minutes
- Seek immediate medical attention
- Ingestion:
- Do not induce vomiting
- Give water or milk to drink
- Obtain immediate medical attention
- Inhalation:
- Inhalation is unlikely to occur

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

- Non combustible
- Decomposition products may include toxic and irritant fumes

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

- Avoid scattering in the environment

6.3 Methods and material for containment and cleaning up

- Absorb spillage in earth or sand
- Remove contaminated material to safe location for subsequent disposal
- 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**

- Wear protective clothing as per section 8
- Do not get in eyes, on skin, or on clothing (P262).
- Eyewash bottles should be available

7.2 Conditions for safe storage, including any incompatibilities

- Keep in a cool, dry, well ventilated place

7.3 Specific end use(s)

SECTION 7 Handling and storage (....)

- Contact supplier for further information
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SECTION 8 Exposure controls/personal protection

8.1 Control parameters

- WEL (short term) (Nitric acid) 2,6 mg/m³
- WEL (short term) (Nitric acid) 1 ppm

8.2 Exposure controls

- No special precautions are required for this product

8.3 Occupational exposure controls



- Wear goggles giving complete eye protection
 - Wear plastic or rubber 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, soluble in water
- pH: at 20C - <1
- Completely soluble in water
- Non combustible

9.2 Other information

SECTION 10 Stability and reactivity

10.1 Reactivity

- No hazardous reactions known if used for its intended purpose

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

- No hazardous decomposition products known
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SECTION 11 Toxicological information

11.1 Information on toxicological effects

- No experimental data available

11.2 Contact with eyes

- Causes irritation

11.3 Contact with skin

- May cause redness and irritation

11.4 Ingestion

SECTION 11 Toxicological information (....)

- May cause gastro-intestinal disturbances
- The ingestion of significant quantities may cause dry throat

11.5 Inhalation

- Inhalation is unlikely to occur
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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.
- On available data, substance is not harmful to aquatic life

12.2 Persistence and degradability

- Degrades by hydrolysis

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**

- Presents little or no hazard to the aquatic environment
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SECTION 13 Disposal considerations**13.1 Waste treatment methods**

- No special requirements

13.2 Classification

- EU Waste class: 06.01
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SECTION 14 Transport information**14.1 UN**

- UN No.: UN1760
- Proper Shipping Name: CORROSIVE LIQUID, N.O.S. (NITRIC ACID)
- Hazard Class: 8
- Packing Group: III

14.2 Environmental hazards

- Not applicable

14.3 Special precautions for user

- No special precautions are required for this product
- When supplied as part of a kit: The kit may be transported under classification UN3316 CHEMICAL KIT

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)

SECTION 14 Transport information (....)

- ADR UN No.: UN1760
- Proper Shipping Name: CORROSIVE LIQUID, N.O.S. (NITRIC ACID)
- ADR Hazard Class: 8
- ADR subrisk: Not applicable
- ADR Packing Group: III

14.6 Sea (IMDG)

- IMDG UN No.: UN1760
- Proper Shipping Name: CORROSIVE LIQUID, N.O.S. (NITRIC ACID)
- IMDG Hazard Class: 8
- IMDG subrisk: Not applicable
- IMDG Pack Group.: III
- IMDG EmS: F-A, S-B

14.7 Air (ICAO/IATA)

- ICAO UN No.: UN1760
- Proper Shipping Name: CORROSIVE LIQUID, N.O.S. (NITRIC ACID)
- ICAO Packing Group: III
- ICAO Hazard Class: 8
- ICAO subrisk: Not applicable

14.8 DOT / CFR (US Department of Transportation)

- Identification Number: UN1760
 - DOT Proper Shipping Name: CORROSIVE LIQUID, N.O.S. (NITRIC ACID)
 - DOT Labels: 8
 - 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**

- Council Directive 1999/45/EEC Classification, packing and labelling of dangerous preparations.
- Dangerous Substances Directive (67/548/EEC). Classification, packaging and labelling of dangerous substances
- Regulations 1272/2008/EEC. Classification, labeling and packing of dangerous substances and preparations
- This Safety Data Sheet is provided in compliance with the EC Directive 1907/2006-453/2010

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:- H272: May intensify fire; oxidiser. H314: Causes severe skin burns and eye damage. R35: Causes severe burns. R8: Contact with combustible material may cause fire.

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

SECTION 16 Other information (....)

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

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

