

SAFETY DATA SHEET

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

1.1 Product identifier

- Product Name: DESCALX
- Product Part Number: 571646 (25 kg)

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

- Cleaning agent

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, Tel.: +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 7793777 Australia: +61 3 9630 0998

Giftinformasjonsentralen 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

- 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)
- Symbols: Xi
- Irritating to eyes and skin (R36/38)
- Harmful to aquatic organisms, may cause long-term adverse effects in the aquatic environment (R52/53)
-
- Classification according to Regulation (EC) No 1272/2008
- Signal Word: Warning

SECTION 2 Hazards identification (....)

- Symbols: GHS07
- Eye Irrit. 2
- Skin Irrit. 2
- Aquatic Chronic 3

2.2 Label elements



- Signal Word: Warning
-
- Contains:
- Sulphamic acid
-
- Hazard phrases
 - Causes serious eye irritation (H319).
 - Causes skin irritation (H315).
 - Harmful to aquatic life with long lasting effects (H412).
- Precautionary Phrases
 - Avoid release to the environment (P273).
 - Wear protective gloves/protective clothing/eye protection/face protection (P280).
 - 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).
 - Get medical advice/attention if you feel unwell (P314).

2.3 Other hazards

- Not a PBT according to REACH Annex XIII
- Odour: Characteristic odour
- Appearance: powder, orange, soluble in water
- Inhalation: May cause irritation
- Ingestion: The ingestion of significant quantities may cause burning sensation

SECTION 3 Composition/information on ingredients

3.1 Mixtures

- sulphamidic acid; sulphamic acid; sulfamic acid
 - Concentration: 60-100%
 - CAS Number: 5329-14-6
 - EC Number: 226-218-8
 - R/H Phrases: H319,H315,H412, R36/38,R52/53
 - Symbols: GHS07, Xi
 - Categories: Eye Irrit. 2 Skin Irrit. 2 Aquatic Chronic 3
 - REACH NO: 01-2119488633-28; 01-2119846728-23

SECTION 4 First aid measures

4.1 Description of first aid measures

- IF ON SKIN (or hair): Remove/Take off immediately all contaminated clothing. Rinse skin with water/shower (P303+P361+P353).
- Contaminated clothing should be laundered before reuse
- When in doubt or symptoms persist, seek medical attention
-
- IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing (P305+P351+P338).
-

SECTION 4 First aid measures (....)

If substance has got into eyes, immediately wash out with plenty of water for at least 15 minutes

- Irrigate eyes thoroughly whilst lifting eyelids
- Obtain immediate 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).
- Inhalation is unlikely to occur
- When in doubt or symptoms persist, seek medical attention
-
- IF SWALLOWED: rinse mouth. Do NOT induce vomiting (P301+P330+P331).
- Never give anything by mouth to an unconscious person
- Give water or milk to drink
- Obtain immediate medical attention

4.2 Most important symptoms and effects, both acute and delayed

- Possible redness and irritation of affected areas

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 irritating. Take precautions to protect personnel from exposure

5.3 Advice for firefighters

- Prevent run off water from entering drains if possible
-

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

- Sweep or shovel-up spillage and remove to a safe place
- Wash spill site with water and detergent

6.4 Reference to other sections

- None
-

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).
- Ensure adequate ventilation
- Eyewash bottles should be available

7.2 Conditions for safe storage, including any incompatibilities

- Store in a well-ventilated place. Keep container tightly closed (P403+P233).
 - Store in a dry place (P402).
 - Keep in acid store
-

SECTION 7 Handling and storage (....)

7.3 Specific end use(s)

- Contact supplier for further information
-

SECTION 8 Exposure controls/personal protection

8.1 Control parameters

- Sulphamic acid

There are no recommended or established controls for this product

8.2 Exposure controls

- No special precautions are required for this product

8.3 Occupational exposure controls



- Wear suitable protective clothing, including eye/face protection and gloves (plastic or rubber are recommended)
 - Wear suitable dustmask e.g. to BS 2091
-

SECTION 9 Physical and chemical properties

9.1 Information on basic physical and chemical properties

- Odour: Characteristic odour
- Appearance: powder, orange, soluble in water
- pH 1,1 at 10 % concentration
- Density: Density 1,2 g/cm³
- Solubility in water: Water solubility (g/100g H₂O 20°C) 21.30 g/l
- Boiling point - not applicable
- Vapour pressure - not known
- Melting point 205 °C to 760 °C
- Non-combustible solid

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 Chemical stability

- This article is considered stable under normal conditions

10.3 Possibility of hazardous reactions

- May form explosive vapour/air mixtures
- Reaction products may include hydrogen

10.4 Conditions to avoid

- Avoid overheating

10.5 Incompatible materials

- Incompatible with alkalis (strong bases)

10.6 Hazardous Decomposition Products

- No hazardous decomposition products known
-

SECTION 11 Toxicological information

11.1 Information on toxicological effects

- LD50 (oral, rat) 3160 mg/kg

11.2 Contact with eyes

- Causes severe irritation

11.3 Contact with skin

- Causes redness and irritation

11.4 Ingestion

- The ingestion of significant quantities may cause burning sensation

11.5 Inhalation

- May cause severe irritation
 - May cause shortness of breath
-

SECTION 12 Ecological information

12.1 Toxicity

- LC50 (fish) (pimephates promeless) 70.3 mg/l (96 hr)
- This product contain an acidic component which may cause a low pH-value. Effect depends on waterquality and the organisms tolerance due to pH-value

12.2 Persistence and degradability

- The components in this product are readily biodegradable.

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

- Not a PBT according to REACH Annex XIII

12.6 Other Adverse Effects

- No environmental problems are expected when the product is used / handled correctly. In its intended use, the product will not be released into the environment.
-

SECTION 13 Disposal considerations

13.1 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

13.2 Classification

- EU Waste class: 06 01 06
-

SECTION 14 Transport information

14.1 UN

- UN No.: UN2967
 - Proper Shipping Name: Sulphamic acid, mixture
 - Hazard Class: 8
-

SECTION 14 Transport information (....)

- Packing Group: III
- 14.2 Environmental hazards
- Not applicable
- 14.3 Special precautions for user
- No special precautions are required for this product
- 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)
- ADR UN No.: UN2967
 - Proper Shipping Name: Sulphamic acid, mixture
 - ADR Hazard Class: 8
 - ADR Packing Group: III
- 14.6 Sea (IMDG)
- IMDG UN No.: UN2967
 - Proper Shipping Name: Sulphamic acid, mixture
 - IMDG Hazard Class: 8
 - IMDG Pack Group.: III
 - IMDG EmS: F-A, S-B
- 14.7 Air (ICAO/IATA)
- ICAO Un No.: UN2967
 - Proper Shipping Name: Sulphamic acid, mixture
 - ICAO Hazard Class: 8
 - ICAO Packing Group: III
- 14.8 DOT / CFR (US Department of Transportation)
- Identification Number: UN 2967
 - DOT Proper Shipping Name: Sulphamic acid, mixture
 - DOT Labels: 8
 - Product RQ (lbs): N/E
-

SECTION 15 Regulatory information

- 15.1 Safety, health and environmental regulations/legislation specific for the substance or mixture
- Composition information in accordance with EC Regulation 648/2004 of the European Parliament and of the Council of 31st March 2004 on detergents:
 - Nonionic surfactants <5 %
 - Council Directive 1999/45/EEC Classification, packing and labelling of dangerous preparations.
 - Refer to The Dangerous Substances Directive (67/548/EEC)
 - Classification according to Regulation (EC) No 1272/2008
 - This Safety Data Sheet is provided in compliance with the EC Directive 1907/2006-453/2010
 - Offshore product registration number: Danish PR number: 1155312
- 15.2 Chemical Safety Assessment
- None
-

SECTION 16 Other information

Text not given with phrase codes where they are used elsewhere in this safety data sheet:- H315: Causes skin irritation. H319: Causes serious eye irritation. H412: Harmful to aquatic life with long lasting effects. R36/38: Irritating to eyes and skin. R52/53: Harmful to aquatic organisms, may cause long-term adverse effects in the aquatic environment.

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 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

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 . FI 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

