

SAFETY DATA SHEET

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

1.1 Product identifier

Product Name: COMMISSIONING CLEANER
Datasheet Number: 624932-r 4. 0. 0
Product Part Number: 624932 (25 liter)
Head Office:: Wilhelmsen Ships Service As
Address: Strandveien 20, N1324 Lysaker, Norway Tel(+47) 67 58 45 50

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

Name of Supplier: Wilhelmsen Ships Service AS
Address of Supplier: Willem Barentszstraat 50
3165AB Rotterdam
The Netherlands
Telephone: +31 10 4877 777
Fax: +31 10 4877 888
Responsible Person: Patrick Rijdsijk, Product HSE Manager, Tel.:+31 6 349 440 35
Email: patrick.rijdsijk@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

2 Hazards identification

2.1 Classification of the substance or mixture

- Council Directive 1999/45/EEC Classification, packing and labelling of dangerous preparations.

2.2 Label elements



Irritant

Risk Phrases

- Irritating to eyes and skin (R36/38)

Safety Phrases

- In case of contact with eyes, rinse immediately with plenty of water and seek medical advice (S26)
- Wear suitable gloves and eye/face protection (S37/39)

2.3 Other hazards

- Odour: Odourless
- Appearance: Liquid, off-white, miscible with water
- Contact with eyes: May cause redness and irritation
- Contact with skin: May cause irritation, Repeated exposure may cause skin dryness or cracking (R66)
- Inhalation: May cause irritation
- Ingestion: Not regarded as a potential route of exposure., May cause irritation

3 Composition/information on ingredients

3.1 Mixtures

Chemical Name	Concentration	CAS Number	EC Number	R/H Phrases*	Symbols
Trisodium N-hydroxyethyl ethylenediamine triacetate	10-30 %	139-89-9	-	R36	Xi
2-Ethyl hexyl oxypropylimino-propionic acid, mono sodium salt	1-5%	94441-92-6	305-318-6	R41	Xi
2-(butoxyethoxy)ethanol	1-5%	112-34-5	203-961-6	R36	Xi

*See Section 16

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.
- IF INHALED: If breathing is difficult, remove to fresh air and keep at rest in a position comfortable for breathing.
- IF ON SKIN: Wash with plenty of soap and water.
- IF SWALLOWED: rinse mouth. Do NOT induce vomiting.
- Give plenty of water to drink
- Never make an unconscious person vomit or drink fluids

4.2 Most important symptoms and effects, both acute and delayed

- Possible redness and irritation of affected areas
- In cases of severe exposure, irritation may develop

4.3 Indication of immediate medical attention and special treatment needed

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

- No hazard expected under normal conditions of use

5.3 Advice for firefighters

- Wear chemical protection suit and positive-pressure breathing apparatus
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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
- Avoid release to the environment.

6.3 Methods and material for containment and cleaning up

- Absorb spillage in suitable inert material
- Sweep or shovel-up spillage and remove to a safe place
- Flush spill area with copious amounts of water

6.4 Reference to other sections

- None
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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.
- Eyewash bottles should be available

7.2 Conditions for safe storage, including any incompatibilities

- Keep only in the original container in a cool, well ventilated place away from water (S3/9/14/49)
- Protect from frost

7.3 Specific end use(s)

8 Exposure controls/personal protection

8.1 Control parameters

- 2-(butoxyethoxy)ethanol
TLV (TWA) 68 mg/m³ ()

8.2 Exposure controls

- No special ventilation is required unless the product is used in a spray form

Occupational exposure controls

- No respiratory protection is required unless subject to contact with substance mist
- Wear suitable respiratory protection. Gas cartridge (organic substances).
- Wear suitable protective clothing, including eye/face protection and gloves (plastic or rubber are recommended)



Gloves



Goggles

Respirator

9 Physical and chemical properties

9.1 Information on basic physical and chemical properties

- Odour: Odourless
- Appearance: Liquid, off-white, miscible with water
- pH 8.5 - 9.0
- Boiling point >100 °C at 760 mm /Hg
- Density 1,112 - 1,122 g/cm³ at 20 deg C

9.2 Other information

10 Stability and reactivity

10.1 Reactivity

- This article is considered stable under normal conditions

10.2 Chemical stability

- 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

- No special precautions are required for this product

10.5 Incompatible materials

- None

10.6 Hazardous Decomposition Products

- No hazardous decomposition products known
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11 Toxicological information

11.1 Information on toxicological effects

- LD50 (oral, rat) >2000 mg/kg
- Inhalation
- Causes irritation
- Contact with skin
- Prolonged skin contact will result in defatting of the skin, leading to irritation, and in some cases, dermatitis
 - May cause irritation
- Contact with eyes
- Causes redness and irritation
- Ingestion
- The ingestion of significant quantities may cause gastro-intestinal disturbances
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12 Ecological information

12.1 Toxicity

- LC50 (fish) (Trisodium hydroxyethyl ethylenediamine triacetate) >100 mg/l (96 hr)
- LC50 (fish) (dipropionate) >100 mg/l (96 hr)
- LC50 (fish) (2-(2-butoxyethoxy)ethanol) 2500 mg/l (96 hr)
- This product does not contain ingredients which are classified in the EU as dangerous for the environment.

12.2 Persistence and degradability

- Biodegradability. OECD-test. 28 days <20 % (Trisodiumhydroxyethylethylenaminetriacetat)
- Biodegradability. OECD-test. 28 days >60 % (Sodiumcapryliminodipropionate)
- Biodegradability. OECD-test. 28 days >60 % (2-(2-buhtoxyetoxy)etanol)

12.3 Bioaccumulation Potential

- No information available

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

- Presents little or no hazard to the aquatic environment
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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

Classification

- EU Waste class: -
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14 Transport information

14.1 UN Number

- n/a

14.2 UN Proper Shipping Name

- n/a

14.3 Transport hazard class(es)

- n/a
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14 Transport information (....)

14.4 Packing group

- n/a

14.5 Environmental hazards

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

14.6 Special precautions for user

- Not classified as hazardous for transport

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

- Not applicable

Other information

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
- Council Directive 1999/45/EEC Classification, packing and labelling of dangerous preparations.
- Refer to The Dangerous Substances Directive (67/548/EEC)
- Composition information in accordance with Regulation (EC) No 648/2004 of the European Parliament and of the Council of 31 March 2004 on detergents:
 - Nonionic surfactants <5 %
 - Amphoteric surfactants <5 %
 - phosphonates <5%

15.2 Chemical Safety Assessment

NONE

16 Other information

Text of R and S phrase codes used in this safety data sheet:- R36: Irritating to eyes; R41: Risk of serious damage to eyes.

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

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