
SAFETY DATA SHEET

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

1.1 Product identifier

- Product Name: COLDWASH HD
- Product Part Number: 571430 (25 liter), 571455 (210 liter)

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

- Use of the substance/preparation:
- Cleaning agent

1.3 Details of the supplier of the safety data sheet

Name of Supplier:

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,
- Email: Email: WSS.GLOBAL.SDSINFO@wilhelmsen.com
- Telephone: Tel.: +31 10 4877775

1.4 Emergency telephone number

Emergency Telephone: -ONLY TO BE USED IN CASE OF AN INCIDENTNCEC:+
44 1865 407333, CHEMTREC (800) 424 9300
American Chemistry Council +1 703 527 3887,
Greece +30 210 7793777Australia: +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.
- Refer to current The Dangerous Substances Directive (67/548/EEC)
- Symbols: Xn, N
- Harmful: may cause lung damage if swallowed (R65)
- Repeated exposure may cause skin dryness or cracking (R66)
- Vapours may cause drowsiness and dizziness (R67)
- Toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment (R51/53)
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SECTION 2 Hazards identification (....)

- Classification according to Regulation (EC) No 1272/2008
- Symbols: GHS07, GHS09, GHS08
- Signal Word: Danger
- Asp. Tox. 1
- Eye Irrit. 2
- STOT SE 3
- Aquatic Chronic 2

2.2 Label elements

- Signal Word:
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- Asp. Tox. 1
- Eye Irrit. 2
- STOT SE 3
-
- Contains:
- Hydrocarbons, C10-C13, n-alkanes, isoalkanes, cyclics, aromatics (2-25%)
- Hydrocarbones, C10, aromatics, < 1% naphtalene
- Fatty alcohol ethoxylate
-
- Hazard phrases
 - Repeated exposure may cause skin dryness or cracking (EUH066).
 - May be fatal if swallowed and enters airways (H304).
 - Causes serious eye irritation (H319).
 - May cause drowsiness or dizziness (H336).
 - Toxic to aquatic life with long lasting effects (H411).
- Precautionary Phrases
 - Avoid breathing dust/fume/gas/mist/vapours/spray (P261).
 - Wear protective gloves/protective clothing/eye protection/face protection (P280).
 - IF SWALLOWED: rinse mouth. Do NOT induce vomiting (P301+P330+P331).
 - Immediately call a POISON CENTER or doctor/physician (P310).
 - Remove victim to fresh air and keep at rest in a position comfortable for breathing (P340).
 - IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing (P305+P351+P338).
 - Call a POISON CENTER or doctor/physician if you feel unwell (P312).
 - Dispose of contents/container to an authorised waste collection point (P501)

2.3 Other hazards

- Not applicable
- Not a PBT according to REACH Annex XIII
- Odour: Strong smell of hydrocarbon
- Appearance: Liquid, light, brown, dispersible in water

SECTION 3 Composition/information on ingredients**3.1 Mixtures**

- Hydrocarbons, C10-C13, n-alkanes, isoalkanes, cyclics, aromatics (2-25%)
 - Concentration: 60-100%
 - CAS Number: Not applicable
 - EC Number: 919-164-8
 - R/H Phrases: R65, 66 - EUH066, H304, H412
 - Symbols: Xn, GHS08
 - Categories: Asp. Tox. 1, Aquatic Chronic 3

SECTION 3 Composition/information on ingredients (....)

- REACH NO: 01-21194739 77-17-0004
- Hydrocarbones, C10, aromatics, < 1% naphtalene
Concentration: 10-30%
CAS Number: Not applicable
EC Number: 918-811-1
R/H Phrases: R65, R66, R51, R53 - EUH066, H411, H304, H336
Symbols: Xn, N, GHS07, GHS08, GHS09
Categories: Aquatic Chronic 2, Asp. Tox. 1, STOT SE 3
REACH NO: 77-17-0004 83-34-000
 - Fatty alcohol ethoxylate
Concentration: <5%
CAS Number: 160875-66-1
EC Number: Not applicable
R/H Phrases: R41 - H318, H302
Symbols: Xi, GHS07, GHS05
Categories: Eye Dam. 1, Acute Tox. 4
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SECTION 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 (P305+P351+P338).
- Seek immediate medical attention
-
- IF ON SKIN: Wash with plenty of soap and water (P302+P352).
- Contaminated clothing should be laundered before reuse
- When in doubt or symptoms persist, seek medical attention
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- IF INHALED: If breathing is difficult, remove victim to fresh air and keep at rest in a position comfortable for breathing (P304+P341).
- When in doubt or symptoms persist, seek medical attention
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- IF SWALLOWED: rinse mouth. Do NOT induce vomiting (P301+P330+P331).
- Do not induce vomiting because of risk of aspiration into the lungs. If aspiration is suspected obtain immediate medical attention
- If vomiting occurs turn patient on side
- Give 200-300mls (half pint) water to drink
- Obtain immediate medical attention

4.2 Most important symptoms and effects, both acute and delayed

- In cases of severe exposure, nausea/vomiting may develop
- In cases of severe exposure, dizziness, confusion, headache or stupor may develop
- Prolonged skin contact will result in defatting of the skin, leading to irritation, and in some cases, dermatitis

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

- In case of fire: use foam, carbon dioxide or dry agent for extinction (P370+P378)
- In case of fire: use sand or earth for extinction (P370+P378)

5.2 Special hazards arising from the substance or mixture

- Keep container(s) exposed to fire cool, by spraying with water
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SECTION 5 Fire-fighting measures (....)

Vapours are heavier than air and may travel considerable distances to a source of ignition and flashback

- In case of fire, do not breathe fumes
- Carbon dioxide may be formed
- Carbon oxides may be formed

5.3 Advice for firefighters

- Wear Positive-Pressure Breathing Apparatus
 - Prevent run off water from entering drains if possible
 - Vapours are heavier than air and may travel considerable distances to a source of ignition and flashback
-

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
- Vapours are heavier than air and may travel considerable distances to a source of ignition and flashback

6.3 Methods and material for containment and cleaning up

- Absorb spillage in inert material and shovel up
- Ventilate the area and wash spill site after material pick-up is complete

6.4 Reference to other sections

- See Section 13
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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).
- Do not breathe dust/fume/gas/mist/vapours/spray (P260).
- Ensure adequate ventilation

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 away from open flames, hot surfaces and sources of ignition.

7.3 Specific end use(s)

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

8.1 Control parameters

- Hydrocarbons, C10-C13, n-alkanes, isoalkanes, cyclics, aromatics (2-25%)
TLV (TWA) 275 mg/m³ ()
- Hydrocarbones, C10, aromatics, < 1% naphtalene
TLV (TWA) 120 mg/m³ ()

8.2 Exposure controls

- The undiluted product must not be used in a confined space without good ventilation

8.3 Occupational exposure controls

SECTION 8 Exposure controls/personal protection (....)

- Respiratory protection may be required under exceptional circumstances when excessive air contamination exists
 - Wear suitable respiratory protection. Gas cartridge (organic substances).
 - Wear suitable protective clothing, including eye/face protection and gloves (neoprene or nitrile are recommended)
 - 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.
 - Use good personal hygiene practices
 - Wash hands and working surfaces thoroughly after handling (P264).
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SECTION 9 Physical and chemical properties

9.1 Information on basic physical and chemical properties

- Odour: Strong smell of hydrocarbon
- Appearance: Liquid, light, brown, dispersible in water
- pH - not applicable
- Boiling point 175 °C to 225 °C at 760 mm /Hg
- Vapour density (air = 1) >1
- Freezing point unknown
- Emulsifies in water
- Density 0,82 - 0,85 g/cm³ at 20 deg C
- Flash point >61 deg C (CC)
- Auto-ignition point 230 deg C at 760 mm Hg
- Flammability: Lower flammability limit 0.6%(in air), Upper flammability limit 6%(in air)

9.2 Other information

- None
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SECTION 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

- Keep away from naked flames, incandescent or hot surfaces

10.5 Incompatible materials

- None

10.6 Hazardous Decomposition Products

- Decomposition products may include carbon oxides
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SECTION 11 Toxicological information

11.1 Information on toxicological effects

- LD50 (oral,rat) (Hydrocarbones) >4000 mg/kg
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SECTION 11 Toxicological information (....)

11.2 Contact with eyes

- Causes irritation

11.3 Contact with skin

- Prolonged skin contact will result in defatting of the skin, leading to irritation, and in some cases, dermatitis

11.4 Ingestion

- The ingestion of significant quantities may cause gastro-intestinal disturbances
- The ingestion of significant quantities may cause chronic pneumonitis

11.5 Inhalation

- Inhalation of solvent vapours may give rise to nausea, headaches and dizziness
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SECTION 12 Ecological information

12.1 Toxicity

- LC50 (fish) (Hydrocarbone, C10) 1-10 mg/l (96 hr)
- LC50 (fish) (Hydrocarbone, C10-C13) 10-100 mg/l (96 hr)
- LC50 (fish) (Fatty alcohol ethoxylate) 10-100 mg/l (96 hr)

12.2 Persistence and degradability

- The components in this product are readily biodegradable.

12.3 Bioaccumulation Potential

- Hydrocarbon solvents have the potential to bioaccumulate.

12.4 Mobility in soil

- Emulsifies in water

12.5 Results of PBT and vPvB assessment

- Not a PBT according to REACH Annex XIII

12.6 Other Adverse Effects

- Not applicable
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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: 07 01 04
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SECTION 14 Transport information

14.1 UN

- UN No.: UN3082
 - Proper Shipping Name: Environmentally hazardous substance, liquid, n.o.s. (Alkyl (C3-C8) Benzenes)
 - Hazard Class: 9
 - Packing Group: III
-

SECTION 14 Transport information (....)

14.2 Environmental hazards

- Road/Rail (ADR/RID)
- ENVIRONMENTALLY HAZARDOUS
- Sea (IMDG)
- Marine pollutant

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
- Not applicable

14.5 Road/Rail (ADR/RID)

- ADR UN No.: UN3082
- Proper Shipping Name: Environmentally hazardous substance, liquid, n.o.s. (Alkyl (C3-C8) Benzenes)
- ADR Hazard Class: 9
- ADR Packing Group: III

14.6 Sea (IMDG)

- IMDG UN No.: UN3082
- Proper Shipping Name: Environmentally hazardous substance, liquid, n.o.s. (Alkyl (C3-C8) Benzenes)
- IMDG Hazard Class: 9
- IMDG Pack Group.: III
- IMDG EmS: F-A, S-F

14.7 Air (ICAO/IATA)

- ICAO Un No.: UN3082
- Proper Shipping Name: Environmentally hazardous substance, liquid, n.o.s. (Alkyl (C3-C8) Benzenes)
- ICAO Hazard Class: 9
- ICAO Packing Group: III

14.8 DOT / CFR (US Department of Transportation)

- Identification Number: UN3082
- DOT Proper Shipping Name: Environmentally hazardous substance, liquid, n.o.s. (Alkyl (C3-C8) Benzenes)
- DOT Labels: 9
- Product RQ (lbs): N/A

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.
- Council Directive 1999/45/EEC Classification, packing and labelling of dangerous preparations.
- Refer to current The Dangerous Substances Directive (67/548/EEC)
- Regulations 1272/2008/EEC. Classification, labeling and packing of dangerous substances and preparations
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- Offshore product registration number: Danish PR number: 1361810
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- Composition information in accordance with EC Regulation 648/2004 of the European Parliament and of the Council of 31st March 2004 on detergents:
- Aliphatic hydrocarbons >30 %
- Aromatic hydrocarbons 5-15 %

SECTION 15 Regulatory information (....)

- Nonionic surfactants <5 %
- 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:- EUH066: Repeated exposure may cause skin dryness or cracking. H302: Harmful if swallowed. H304: May be fatal if swallowed and enters airways. H318: Causes serious eye damage. H336: May cause drowsiness or dizziness. H411: Toxic to aquatic life with long lasting effects. H412: Harmful to aquatic life with long lasting effects. R41: Risk of serious damage to eyes. R51: Toxic to aquatic organisms. R53: May cause long term adverse effects in the aquatic environment. R65: Harmful: may cause lung damage if swallowed. R66: Repeated exposure may cause skin dryness or cracking.

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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