
SAFETY DATA SHEET

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

1.1 Product identifier

- Product Name: CLEANRIG HP
- Product Part Number: 719013 (25 ltr), 719021 (200 ltr), L724617 (1000L)

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

- Degreaser

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 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: Xi
- Irritating to eyes and skin (R36/38)
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- Regulations 1272/2008/EEC. Classification, labeling and packing of dangerous substances and preparations

SECTION 2 Hazards identification (....)

- Signal Word: Danger
- Symbols: GHS05
- Eye Dam. 1
-

2.2 Label elements

- Signal Word: Danger
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- Contains:
 - Sodium Phosphate
 - disodium metasilicate
 - C6 Alkylglucoside
 - Primary C9-C11 alcoholethoxylate
 - 2-(2-butoxyethoxy)ethanol
 -
- Hazard phrases
 - Causes serious eye damage (H318).
- Precautionary Phrases
 - Wear protective gloves/protective clothing/eye protection/face protection (P280).
 - 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 eye irritation persists: Get medical advice/attention (P337+P313).

2.3 Other hazards

- Odour: Sweet-smelling
- Appearance: Liquid, pale yellow, soluble in water
- Inhalation: Vapours or aerosols may cause irritation of eyes, nose and respiratory tract
- Ingestion: The ingestion of significant quantities may cause gastro-intestinal disturbances
- Not a PBT according to REACH Annex XIII

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

- disodium metasilicate
 - Concentration: 1-5%
 - CAS Number: 6834-92-0
 - EC Number: 229-912-9
 - R/H Phrases: H290, H314,H335, R34,R37
 - Symbols: GHS05,GHS07, C
 - Categories: Met Corr. 1 Skin Corr. 1B STOT SE 3
- Sodiumphosphate
 - Concentration: 5-10%
 - CAS Number: 7632-05-5
 - EC Number: 231-558-5
 - R/H Phrases: Not applicable
 - Symbols: Not applicable

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

Categories: Not applicable

- C6 Alkylglucoside
Concentration: 1-5%
CAS Number: 54549-24-5
EC Number: 259-217-6
R/H Phrases: H318, R41
Symbols: GHS05, Xi
Categories: Eye Dam. 1
 - Primary C9-C11 alcoholethoxylate
Concentration: 1-5%
CAS Number: 68439-46-3
EC Number: Not applicable
R/H Phrases: H315, H318, R38, R41
Symbols: GHS05, Xi
Categories: Skin Irrit. 2, Eye Dam. 1
 - 2-(2-butoxyethoxy)ethanol; diethylene glycol monobutyl ether
Concentration: 1-5%
CAS Number: 112-34-5
EC Number: 203-961-6
R/H Phrases: H319, R36
Symbols: GHS07, Xi
Categories: Eye Irrit. 2
-

SECTION 4 First aid measures

4.1 Description of first aid measures

- 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 IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing (P305+P351+P338).
- If eye irritation persists: Get medical advice/attention (P337+P313).
-
- IF SWALLOWED: rinse mouth. Do NOT induce vomiting (P301+P330+P331).
- Give water or milk to drink
- Never make an unconscious person vomit or drink fluids
- When in doubt or symptoms persist, seek 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).
- When in doubt or symptoms persist, seek medical attention

4.2 Most important symptoms and effects, both acute and delayed

- Causes redness and irritation
- The ingestion of significant quantities may cause gastro-intestinal disturbances

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

5.3 Advice for firefighters

- Wear 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

- Do not flush spilt material into any public water system

6.3 Methods and material for containment and cleaning up

- Absorb spillage in inert material and shovel up
- Flush spill area with copious amounts of water

6.4 Reference to other sections

- None
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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
- Protect from frost

7.3 Specific end use(s)

- Not applicable
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SECTION 8 Exposure controls/personal protection

8.1 Control parameters

- CAS:112-34-5
Lowest value: TLV (TWA) 10 ppm, 50mg/m³
European Union: TLV (TWA) 10 ppm, 67,5 mg/m³

8.2 Exposure controls

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

8.3 Occupational exposure controls

- Wear plastic or rubber 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.
 - No respiratory protection is required unless subject to contact with substance mist
 - Wear suitable respiratory protection. Gas cartridge (organic substances).
 - Wear goggles giving complete eye protection
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SECTION 8 Exposure controls/personal protection (....)

SECTION 9 Physical and chemical properties

9.1 Information on basic physical and chemical properties

- Odour: Sweet-smelling
- Appearance: Liquid, pale yellow, soluble in water
- pH 12-13 at 100 % concentration
- Boiling point 100 °C
- Vapour pressure - not applicable
- Vapour density - not applicable
- Completely soluble in water
- Density 1.08 - 1.09 g/cm³ at 20 deg C
- Non combustible

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

- 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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SECTION 11 Toxicological information

11.1 Information on toxicological effects

- LD50 (oral, rat) (Alkylglucoside) > 2000 mg/kg
- LD50 (oral, rat) (2-(2-butoxyethoxy)ethanole) > 2000 mg/kg
- LD50 (oral, rat) > (Alcoholethoxylates) 2000 mg/kg

11.2 Contact with eyes

- Causes irritation

11.3 Contact with skin

- Causes redness and irritation

11.4 Ingestion

- Can cause damage to the stomach lining

11.5 Inhalation

- In cases of severe exposure, irritation may develop
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SECTION 12 Ecological information

12.1 Toxicity

- LC50 (fish) (Alkylglucoside) 420 mg/l (96 hr)
- LC50 (fish) (2-(2-Butoksyethoxy)ethanol) 2500 mg/l (96 hr)
- LC50 (fish) (Alcholethoxylates) 1-10 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

- 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

- Presents little or no hazard to the aquatic environment
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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 06 01
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SECTION 14 Transport information

Not classified as hazardous for transport

14.1 UN

- UN No.: Not applicable
- Proper Shipping Name: Not applicable
- Hazard Class: Not applicable
- Packing Group: Not applicable

14.2 Environmental hazards

- Not Classified

14.3 Special precautions for user

- Not Classified

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.: Not applicable
- Proper Shipping Name: Not applicable
- ADR Hazard Class: Not applicable
- ADR Packing Group: Not applicable

14.6 Sea (IMDG)

SECTION 14 Transport information (....)

- IMDG UN No.: Not applicable
- Proper Shipping Name: Not applicable
- IMDG Hazard Class: Not applicable
- IMDG Pack Group.: Not applicable
- IMDG EmS: Not applicable

14.7 Air (ICAO/IATA)

- ICAO UN No.: Not applicable
- Proper Shipping Name: Not applicable
- ICAO Hazard Class: Not applicable
- ICAO Packing Group: Not applicable

14.8 DOT / CFR (US Department of Transportation)

- Identification Number: Not applicable
 - DOT Proper Shipping Name: Not applicable
 - DOT Labels: Not applicable
 - 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

- Offshore product registration number: Norway 54777 - Denmark 1765284
- OSPAR rating: Silver
- Council Directive 1999/45/EEC Classification, packing and labelling of dangerous preparations.
- Refer to The Dangerous Substances Directive (67/548/EEC)
- 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
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- "This product contains Disodiummetasilicate, phosphates and small amounts of potassiumhydroxide. These components act as buffers and "holds" pH even when amounts are low. Testing of product due to OECD 431 "In vitro skin corrosion" - verifies that this product is not corrosive."

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:- H290: May be corrosive to metals. H314: Causes severe skin burns and eye damage. H315: Causes skin irritation. H318: Causes serious eye damage. H319: Causes serious eye irritation. H335: May cause respiratory irritation. R34: Causes burns. R36: Irritating to eyes. R37: Irritating to respiratory system. R38: Irritating to skin. R41: Risk of serious damage to eyes.

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	%
Phosphates	5-15	%

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

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