
SAFETY DATA SHEET

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

1.1 Product identifier

- Product Name: OPTICLEAN
- Product Part Number: 755303 (25Ltr)

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

- Use of the substance/preparation: Degreaser

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: Xi
- Irritating to eyes (R36)
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- Regulations 1272/2008/EEC. Classification, labeling and packing of dangerous substances and preparations
- Signal Word: Danger
- Symbols: GHS05
- Eye Dam. 1

SECTION 2 Hazards identification (....)

- Causes serious eye damage (H318).

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2.2 Label elements



- Signal Word: Danger
- Eye Dam. 1
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- Contains:
- Coco fatty acid ethyl hexyl ester - Primary C9-C11 alcoholethoxylate
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- 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

- Not applicable
- Not a PBT according to REACH Annex XIII
- Odour: Characteristic odour
- Appearance: yellow, light, brown, soluble in water

SECTION 3 Composition/information on ingredients

3.1 Mixtures

- Coco fatty acid ethyl hexyl ester
Concentration: 60-100%
CAS Number: 92044-87-6
EC Number: 295-36-63
R/H Phrases: Not applicable
Symbols: Not applicable
Categories: Not applicable
- Primary C9-C11 alcoholethoxylate
Concentration: 1-5%
CAS Number: 68439-46-3
EC Number: Not applicable
R/H Phrases: R38, R41 - H315, H318
Symbols: Xi, GHS05
Categories: Skin Irrit. 2, Eye Dam. 1

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 medical attention if irritation persists
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- IF SWALLOWED: rinse mouth. Do NOT induce vomiting (P301+P330+P331).
- Give water or milk to drink
- Seek medical attention if irritation persists
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SECTION 4 First aid measures (....)

- IF INHALED: If breathing is difficult, remove victim to fresh air and keep at rest in a position comfortable for breathing (P304+P341).
 - Seek medical attention if irritation persists
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 - IF ON SKIN (or hair): Remove/Take off immediately all contaminated clothing. Rinse skin with water/shower (P303+P361+P353).
 - Seek medical attention if irritation persists
- 4.2 Most important symptoms and effects, both acute and delayed
- Can cause damage to the eyes
- 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 water for extinction (P370+P378)
 - Keep container(s) exposed to fire cool, by spraying with water
- 5.2 Special hazards arising from the substance or mixture
- Smoke from fires is irritating
- 5.3 Advice for firefighters
- Wear chemical protection suit and 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
- Do not allow to enter public sewers and watercourses
- 6.3 Methods and material for containment and cleaning up
- Absorb spillage in earth or sand
 - Place in appropriate container
 - 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).
- 7.2 Conditions for safe storage, including any incompatibilities
- Keep in a cool, dry, well ventilated place
 - Store at temperatures not exceeding 40°C/ (P411)
 - Protect from frost
- 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

- No exposure limits have been set for this substance

8.2 Exposure controls

- No special precautions are required for this product

8.3 Occupational exposure controls

- No respiratory protection is required
 - Wear suitable protective clothing, including eye/face protection and gloves (nitrile are recommended)
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SECTION 9 Physical and chemical properties

9.1 Information on basic physical and chemical properties

- Odour: Characteristic odour
- Appearance: Liquid, yellow, light, brown, soluble in water
- Density 0,86 - 0,87 g/cm³ at 20 deg C
- Freezing point/Range: Freezing point -25 °C

9.2 Other information

- No information available
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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) (Fatty acid ester) >2000 mg/kg
- LD50 (oral, rat) (Fatty alcohol ethoxylate) 300-200 mg/kg

11.2 Contact with eyes

- Can cause damage to the eyes

11.3 Contact with skin

- In cases of severe exposure, redness may develop

11.4 Ingestion

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

11.5 Inhalation

- Not applicable
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SECTION 12 Ecological information

12.1 Toxicity

- LC50 (fish) (Fatty alcoholethoxylate) 1-10 mg/l (96 hr)
- LC50 (fish) (Fatty acid ester) >1000 mg/l (96 hr)
- Biodegradability. OECD-test. 28 days >60 % (Fatty alcoholethoxylate)
- Biodegradability. OECD-test. 28 days >60 % (Fatty acid ester)

12.2 Persistence and degradability

- The components in this product are readily biodegradable.

12.3 Bioaccumulation Potential

- Not applicable

12.4 Mobility in soil

- Not applicable

12.5 Results of PBT and vPvB assessment

- Not a PBT according to REACH Annex XIII

12.6 Other Adverse Effects

- No information available
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SECTION 13 Disposal considerations

13.1 Waste treatment methods

- Disposal should be in accordance with local, state or national legislation
- Do not discharge into drains or the environment, dispose to an authorised waste collection point

13.2 Classification

- EU Waste class: -
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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 as hazardous for transport

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
- ADR subrisk: Not applicable
- ADR Flashpoint: Not applicable

14.6 Sea (IMDG)

- IMDG UN No.: Not applicable
 - Proper Shipping Name: Not applicable
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SECTION 14 Transport information (....)

- IMDG Hazard Class: Not applicable
- IMDG Pack Group.: Not applicable
- IMDG EmS: Not applicable
- IMDG subrisk: Not applicable
- IMDG Flashpoint: 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
- ICAO subrisk: Not applicable
- ICAO Flashpoint: 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
 - Hazardous Material: Not applicable
 - Hazard Class: Not applicable
 - DOT subrisk: Not applicable
 - DOT Flashpoint: Not applicable
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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

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:- H315: Causes skin irritation. H318: Causes serious eye damage. R38: Irritating to skin. 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 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

SECTION 16 Other information (....)

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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Wilhelmsen Ships Service INC 2200 W. Pacific Coast Highway US-90810 Long Beach California,
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