

---

**SAFETY DATA SHEET**

---

This Safety Data Sheet is provided in compliance with the EC Directive 1907/2006-453/2010

---

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

## 1.1 Product identifier

- Product Name: SEACLEAN PLUS
- Product Part Number: 654715 (25 liter), 654723 (210 liter)

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

- Use of the substance/mixture:
- 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 4877 777 Fax: +31 4877 888
- 
- Head office: Wilhelmsen Ships Service AS
- Strandveien 20, N1324 Lysaker
- Norway, Tel: (47) 6349 440 35
- 
- 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
- Responsible Person:

## 1.4 Emergency telephone number

- \*\*\*\*ONLY TO BE USED IN CASE OF AN INCIDENT\*\*\*\*
- 
- International 24hrs Emergency NCEC:+ 44 1865 407333
- American Chemistry Council 24hrs +1 703 527 3887
- American 24hrs Emergency CHEMTREC (800) 424 9300
- Greece: Poisoning emergency center, +30 210 7793777
- Norway: Poison information centre, +47 22591300
- Sweden: Poison information centre, +46 08 33 12 31
- China NRCC 24hrs emergency telephone number: +86-0532-8388 9090
- Wilhelmsen Ships Service, Melbourne, AUSTRALIA Emergency 24hrs: +61 3 9630 0998
- 
- The Netherlands: National Poisons Information Centre + 31 30 274 88 88

---

**SECTION 2 Hazards identification**

## 2.1 Classification of the substance or mixture

**SECTION 2 Hazards identification (....)**

- Council Directive 1999/45/EEC Classification, packing and labelling of dangerous preparations.
- Refer to current The Dangerous Substances Directive (67/548/EEC)
- Symbols: Xn
- Harmful: may cause lung damage if swallowed (R65)
- Repeated exposure may cause skin dryness or cracking (R66)
- Risk of serious damage to eyes (R41)
- 
- Regulations 1272/2008/EEC. Classification, labeling and packing of dangerous substances and preparations
- Signal Word: Danger
- Symbols: GHS05, GHS08
- Asp. Tox. 1
- Eye Dam. 1

**2.2 Label elements**

- Signal Word: Danger
- Contains:
- Hydrocarbons, C10-C13, n-alkanes, isoalkanes, cyclics, <2% aromatics
- Fatty alcohol ethoxylates
- 
- Hazard phrases  
May be fatal if swallowed and enters airways (H304).  
Repeated exposure may cause skin dryness or cracking (EUH066).  
Causes serious eye damage (H318).
- Precautionary Phrases  
Wear protective gloves/protective clothing/eye protection/face protection (P280).  
Avoid breathing dust/fume/gas/mist/vapours/spray (P261).  
IF SWALLOWED: rinse mouth. Do NOT induce vomiting (P301+P330+P331).  
Immediately call a POISON CENTER or doctor/physician (P310).  
IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing (P305+P351+P338).

**2.3 Other hazards**

- Not applicable
- Not a PBT according to REACH Annex XIII
- Odour: Characteristic odour, Hydrocarbon odour
- Appearance: Liquid, clear, dispersible in water

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

- Hydrocarbons, C10-C13, n-alkanes, isoalkanes, cyclics, <2% aromatics  
Concentration: 30-60%

---

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

CAS Number: Not applicable  
EC Number: 918-481-9  
R/H Phrases: R65, R66 - H304, EUH066  
Symbols: Xn, GHS08  
Categories: Asp. Tox. 1  
REACH REG. NO: 01-21194572 73-39-0001

- Fatty alcohol ethoxylate  
Concentration: 10-30%  
CAS Number: 160875-66-1  
EC Number: Not applicable  
R/H Phrases: R22, R41 - H302, H318  
Symbols: Xn, GHS07, GHS05  
Categories: Acute Tox. 4, Eye Dam. 1
- 

**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).
- Irrigate eyes thoroughly whilst lifting eyelids
- Seek medical advice
- 
- 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
- Give 200-300mls (half pint) water to drink
- 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).
- When in doubt or symptoms persist, seek medical attention

## 4.2 Most important symptoms and effects, both acute and delayed

- Causes eye irritation (H320).
- Prolonged skin contact will result in defatting of the skin, leading to irritation, and in some cases, dermatitis
- The ingestion of significant quantities may cause chronic pneumonitis
- The ingestion of significant quantities may cause nausea/vomiting
- In cases of severe exposure, dizziness, confusion, headache or stupor may develop

## 4.3 Indication of any immediate medical attention and special treatment needed

- No information available

## **SECTION 5 Fire-fighting measures**

### 5.1 Extinguishing media

- In case of fire: use dry powder/BCF for extinction (P370+P378)
- In case of fire: use carbon dioxide 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

- Vapours are heavier than air and may travel considerable distances to a source of ignition and flashback
- Smoke from fires is irritating

### 5.3 Advice for firefighters

- Vapours are heavier than air and may travel considerable distances to a source of ignition and flashback
  - Wear Breathing Apparatus
  - Keep container(s) exposed to fire cool, by spraying with water
- 

## **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
- 

## **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).
- Wear protective clothing as per section 8

### 7.2 Conditions for safe storage, including any incompatibilities

- Keep away from open flames, hot surfaces and sources of ignition.
- Protect from heat
- Store in a well-ventilated place. Keep cool (P403+P235).
- Keep only in original container (P234).

### 7.3 Specific end use(s)

- Contact supplier for further information
- 

## **SECTION 8 Exposure controls/personal protection**

### 8.1 Control parameters

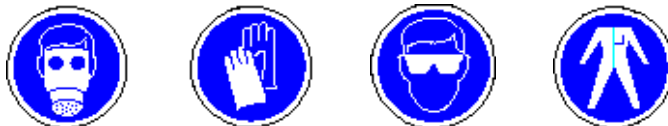
---

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

- Hydrocarbons, C10-C13, n-alkanes, isoalkanes, cyclics, <2% aromatics  
TLV (TWA) 275 mg/m<sup>3</sup> ( )

**8.2 Exposure controls**

- If practicable, engineering controls should be provided where airborne concentrations exceed exposure limits

**8.3 Occupational exposure controls**

- Wear suitable protective clothing, including eye/face protection and gloves (plastic or rubber are recommended)
- Wear neoprene or nitrile 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.
- In case of inadequate ventilation wear respiratory protection (P285).
- Respiratory protection may be required under exceptional circumstances when excessive air contamination exists
- Wear suitable respiratory protection. Gas cartridge (organic substances).

---

**SECTION 9 Physical and chemical properties****9.1 Information on basic physical and chemical properties**

- Odour: Characteristic odour, Hydrocarbon odour
- Appearance: Liquid, pale yellow, dispersible in water
- Boiling point 150 °C to 245 °C at 760 mm /Hg
- Vapour density (air = 1) >1
- Emulsifies in water
- Density 0,81 - 0,83 g/cm<sup>3</sup> at 15 deg C
- Flash point >61 deg C (CC)
- Auto-ignition point >200 deg C at 760 mm Hg
- Lower explosive limit 0.6 % (in air)
- Upper explosive limit 7 % (in air)

**9.2 Other information**

- None

---

**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**

- Avoid overheating
- Keep away from heat and sources of ignition

## **SECTION 10 Stability and reactivity (....)**

### 10.5 Incompatible materials

- None

### 10.6 Hazardous Decomposition Products

- Decomposition products may include carbon dioxide
  - Decomposition products may include carbon oxides
- 

## **SECTION 11 Toxicological information**

### 11.1 Information on toxicological effects

- LD50 (oral,rat) (Fatty alcohol ethoxylate) 300-2000 mg/kg
- LD50 (oral,rat) (Hydrocarbones) >5000 mg/kg

### 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 damage to lungs
- Aspiration hazard

### 11.5 Inhalation

- Inhalation of solvent vapours may give rise to nausea, headaches and dizziness
- 

## **SECTION 12 Ecological information**

### 12.1 Toxicity

- LC50 (fish) (Hydrocarbons, C10-C13, n-alkanes, isoalkanes, cyclics, <2% aromatics) >100 mg/l (96 hr)
- LC50 (fish) (Fatty alcohol ethoxylate) 10-100 mg/l (96 hr)
- Biodegradability. OECD-test. 28 days >60 % (Fatty alcohol ethoxylate)
- Biodegradability. OECD-test. 28 days >60 % (Hydrocarbones C10-C13, 2-25 % aromates)

### 12.2 Persistence and degradability

- This cleaning agent consists of readily biodegradable surfactants, all of which have only slight or moderate toxicity.

### 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

- No information available
- 

## **SECTION 13 Disposal considerations**

### 13.1 Waste treatment methods

---

## **SECTION 13 Disposal considerations (....)**

- 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
- 

## **SECTION 14 Transport information**

### 14.1 UN

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

Not classified as hazardous for transport

### 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

### 14.6 Sea (IMDG)

- 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

---

**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:
- Aliphatic hydrocarbons >30 %
- Nonionic surfactants 5-30 %
- Anionic surfactants >5 %
- Regulations 1272/2008/EEC. Classification, labeling and packing of dangerous substances and preparations
- Norwegian Productregistration no: 51136
- Danish PR number: 2398885
- Does not contain phosphate.
- IMO -approved; Tank Cleaning.

## 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. R22: Harmful if swallowed. R41: Risk of serious damage to eyes. 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](http://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



**SECTION 16 Other information (....)**

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

