

## SAFETY DATA SHEET

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

## 1.1 Product identifier

- Product Name: TANKLEEN SWIFT
- Product Part Number: 772870

## 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: C
- Causes burns (R34)
- 
- Regulations 1272/2008/EEC. Classification, labeling and packing of dangerous substances and preparations
- Signal Word: Danger
- Symbols: GHS05
- Skin Corr. 1A

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

- Met. Corr. 1
- Causes severe skin burns and eye damage (H314).
- May be corrosive to metals (H290).
- 

**2.2 Label elements**

- Signal Word: Danger
- Skin Corr. 1A
- Met. Corr. 1
- 
- Contains:
- potassium hydroxide
- Disodiummetasilicate
- Fatty alcohol ethoxylates
- C6 Alkylglucoside
- 2-(2-butoxyethoxy)ethanol
- 
- Hazard phrases
- Causes severe skin burns and eye damage (H314).
- May be corrosive to metals (H290).
- Precautionary Phrases
- Wear protective gloves/protective clothing/eye protection/face protection (P280).
- IF SWALLOWED: rinse mouth. Do NOT induce vomiting (P301+P330+P331).
- IF ON SKIN (or hair): Remove/Take off immediately all contaminated clothing. Rinse skin with water/shower (P303+P361+P353).
- IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing (P305+P351+P338).
- Immediately call a POISON CENTER or doctor/physician (P310).
- 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

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

- Fatty alcohol ethoxylate
- Concentration: 1-5%
- 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
- Potassium hydroxide
- Concentration: 2,5-5%
- CAS Number: 1310-58-3
- EC Number: 215-181-3
- R/H Phrases: R22, R35 - H302, H290, H314
- Symbols: C, GHS07, GHS05
- Categories: Acute Tox. 4, Met. Corr. 1, Skin Corr. 1A
- Disodium metasilicate
- Concentration: 1-5%

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

- CAS Number: 6834-92-0  
EC Number: 229-912-9  
R/H Phrases: R34, R37 - H290, H314, H335  
Symbols: C, GHS07, GHS05  
Categories: Met. Corr. 1, Skin Corr. 1B, STOT SE 3
- C6 Alkylglucoside  
Concentration: 1-5%  
CAS Number: 54549-24-5  
EC Number: 259-217-6  
R/H Phrases: R41 - H318  
Symbols: Xi, GHS05  
Categories: Eye Irrit. 2
  - 2-(2-butoxyethoxy)ethanol  
Concentration: 1-5%  
CAS Number: 112-34-5  
EC Number: 203-961-6  
R/H Phrases: R36 - H319  
Symbols: Xi, GHS07  
Categories: Eye Irrit. 2
- 

**SECTION 4 First aid measures**

## 4.1 Description of first aid measures

- IF SWALLOWED: rinse mouth. Do NOT induce vomiting (P301+P330+P331).
- Give plenty of water to drink
- Never make an unconscious person vomit or drink fluids
- 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
- 
- 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 ON SKIN (or hair): Remove/Take off immediately all contaminated clothing. Rinse skin with water/shower (P303+P361+P353).
- When in doubt or symptoms persist, seek medical attention

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

- Can cause damage to the eyes
- Causes blistering of the skin
- In cases of severe exposure, redness and irritation may develop

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

- Treat symptomatically
- 

**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

- No hazard expected under normal conditions of use

---

## SECTION 5 Fire-fighting measures (....)

### 5.3 Advice for firefighters

- Wear chemical protection suit and positive-pressure breathing apparatus
- 

## 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

- See Section 13
- 

## SECTION 7 Handling and storage

### 7.1 Precautions for safe handling

- The usual precautions for handling chemicals should be observed
- Eyewash bottles should be available
- 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

- Protect from frost
- Store in a dry place. Store in a closed container (P402+P404).
- Store in a well-ventilated place (P403).

### 7.3 Specific end use(s)

- Contact supplier for further information
- 

## SECTION 8 Exposure controls/personal protection

### 8.1 Control parameters

- Potassium hydroxide  
WEL (short term) 2 mg/m<sup>3</sup>
- 2-(2-butoxyethoxy)ethanol  
WEL (long term) 68 mg/m<sup>3</sup>

### 8.2 Exposure controls

- In case of inadequate ventilation wear respiratory protection (P285).

### 8.3 Occupational exposure controls



- Wear suitable protective clothing, including eye/face protection and gloves (plastic or rubber are recommended)
  - In case of inadequate ventilation wear respiratory protection (P285).
- 

## SECTION 9 Physical and chemical properties

### 9.1 Information on basic physical and chemical properties

- Odour: Odourless
-

**SECTION 9 Physical and chemical properties (....)**

- Appearance: Liquid, off-white, soluble in water
- pH 13-14
- Completely soluble in water
- Density 1,045 - 1,055 g/cm<sup>3</sup> at 20 deg C

## 9.2 Other information

- No information available
- 

**SECTION 10 Stability and reactivity**

## 10.1 Reactivity

- No hazardous reactions known if used for its intended purpose

## 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
- Avoid contact with acid
- Avoid contact with oxidising substances

## 10.5 Incompatible materials

- Incompatible with acid

## 10.6 Hazardous Decomposition Products

- No hazardous decomposition products known
- 

**SECTION 11 Toxicological information**

## 11.1 Information on toxicological effects

- LD50 (oral, rat) >2000 (Alkylglucoside) mg/kg
- LD50 (oral, rat) 300-2000 (Alcoholethoxylate) mg/kg

## 11.2 Contact with eyes

- Prolonged skin or eye contact may cause chemical burns
- Can cause damage to the eyes

## 11.3 Contact with skin

- Prolonged skin or eye contact may cause chemical burns
- Can cause damage to the skin

## 11.4 Ingestion

- The ingestion of significant quantities may cause damage to mucous membranes

## 11.5 Inhalation

- Vapours or aerosols may cause irritation of eyes, nose and respiratory tract
- 

**SECTION 12 Ecological information**

## 12.1 Toxicity

- This product contains an alkaline substance which may cause a high pH-value.
- Effect depends on water quality and the organisms tolerance due to pH-value.
- This product does not contain ingredients which are classified in the EU as dangerous for the environment.
- LC50 96 hours fish 1-10 mg/l (Alcohol ethoxylate)
- LC50 (fish) (Alkylglucoside) >100 mg/l (96 hr)
- Biodegradability. OECD-test. 28 days >60 % (2-(2-Butoxyethoxy)ethanol)

---

**SECTION 12 Ecological information (....)**

- OECD-test. 28 days >60% (Alcohol ethoxylate)
  - OECD-test. 28 days >60% (Alkylglucoside)
- 12.2 Persistence and degradability
- The components in this product are readily biodegradable.
- 12.3 Bioaccumulation Potential
- Not applicable
- 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
- Not available
- 

**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
- This material and/or its container must be disposed of as hazardous waste
  - EU Waste class: 06.02.04
- 

**SECTION 14 Transport information**

- 14.1 UN
- UN No.: UN1719
  - Proper Shipping Name: Corrosive alkaline liquid n.o.s. (Potassium hydroxide solution)
  - Hazard Class: 8
  - Packing Group: III
- 14.2 Environmental hazards
- Not applicable
- 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
- 14.5 Road/Rail (ADR/RID)
- ADR UN No.: UN1719
  - Proper Shipping Name: Corrosive alkaline liquid n.o.s. (Potassium hydroxide solution)
  - ADR Hazard Class: 8
  - ADR Packing Group: III
- 14.6 Sea (IMDG)
- IMDG UN No.: UN1719
  - Proper Shipping Name: Corrosive alkaline liquid n.o.s. (Potassium hydroxide solution)
  - IMDG Hazard Class: 8
  - IMDG Pack Group.: III
  - IMDG EmS: F-A, S-B

---

**SECTION 14 Transport information (....)****14.7 Air (ICAO/IATA)**

- ICAO Un No.: UN1719
- Proper Shipping Name: Corrosive alkaline liquid n.o.s. (Potassium hydroxide solution)
- ICAO Hazard Class: 8
- ICAO Packing Group: III

**14.8 DOT / CFR (US Department of Transportation)**

- Identification Number: UN1719
  - DOT Proper Shipping Name: Corrosive alkaline liquid n.o.s. (Potassium hydroxide solution)
  - DOT Labels: 8
  - Product RQ (lbs): Not applicable
- 

**SECTION 15 Regulatory information****15.1 Safety, health and environmental regulations/legislation specific for the substance or mixture**

- Refer to current The Dangerous Substances Directive (67/548/EEC)
- Council Directive 1999/45/EEC Classification, packing and labelling of dangerous preparations.
- 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
- 
- CARGO TANK CLEANING ADDITIVES EVALUATED IN ACCORDANCE WITH MEPC.1/CIRC.590 AND FOUND TO MEET THE REQUIREMENTS OF REGULATION 13.5.2 OF ANNEX II OF MARPOL 73/78.
- 
- 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 5-15% %
- 
- Does not contain phosphate.

**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:- H290: May be corrosive to metals. H302: Harmful if swallowed. H314: Causes severe skin burns and eye damage. H318: Causes serious eye damage. H319: Causes serious eye irritation. H335: May cause respiratory irritation. R22: Harmful if swallowed. R34: Causes burns. R35: Causes severe burns. R36: Irritating to eyes. R37: Irritating to respiratory system. 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](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  
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

