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**SAFETY DATA SHEET**

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

## 1.1 Product identifier

- Product Name: CLEANBREAK
- Product Part Number: 571497 (25 liter), 571505 (210 liter)

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

- Cleaning agent

## 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\*\*\*\*
- American 24hrs Emergency CHEMTREC (800) 424 9300
- American Chemistry Council 24hrs +1 703 527 3887
- China NRCC 24hrs emergency telephone number: +86-0532-8388 9090
- Greece: Poisoning emergency center, +30 210 7793777
- International 24hrs Emergency NCEC:+ 44 1865 407333
- Norway: Poison information centre, +47 22591300
- Sweden: Poison information centre, +46 08 33 12 31
- Wilhelmsen Ships Service, Melbourne, AUSTRALIA Emergency 24hrs: +61 3 9630 0998

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**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
- Harmful: may cause lung damage if swallowed (R65)
- Repeated exposure may cause skin dryness or cracking (R66)
- 
- Classification according to Regulation (EC) No 1272/2008
- Signal Word: Danger

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

- 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
  - Sodium petroleum sulphonate
- 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**

- Odour: Smells of hydrocarbon
- Appearance: Liquid, light, yellow, insoluble in water
- Inhalation: May cause chronic pneumonitis, May cause coughing, In cases of severe exposure, nausea/vomiting may develop
- Not a PBT according to REACH Annex XIII

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

- Hydrocarbons, C10-C13, n-alkanes, isoalkanes, cyclics, <2% aromatics
  - Concentration: 60-100%
  - CAS Number: Not applicable
  - EC Number: 918-481-9
  - R/H Phrases: R65, R66 - H304, EUH066
  - Symbols: Xn, GHS08
  - Categories: Asp. Tox. 1, Eye Dam. 1
  - REACH REG. NO: 01-21194572 73-39-0001
- sodium petroleum sulphonate
  - Concentration: 5-10%
  - CAS Number: 68608-26-4
  - EC Number: 271-781-5
  - R/H Phrases: R36, H318
  - Symbols: Xi, GHS05

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**SECTION 3 Composition/information on ingredients (....)**Categories: Eye Dam. 1

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**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
- Seek medical attention if irritation persists
- 
- 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
- When in doubt or symptoms persist, seek medical attention
- 
- 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
- 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).
- Seek medical attention if irritation persists

## 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, headache may develop
- In cases of severe exposure, dizziness may develop
- Possible redness and irritation of affected areas
- Vapours or aerosols may cause irritation of eyes, nose and respiratory tract
- The ingestion of significant quantities may cause chemical oedema

## 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 sand or dry salt for extinction (P370+P378)
- In case of fire: use foam, carbon dioxide or dry agent for extinction (P370+P378)
- Do not use water jets

## 5.2 Special hazards arising from the substance or mixture

- Decomposition products may include carbon dioxide
- Decomposition products may include carbon monoxide
- Vapours are heavier than air and may travel considerable distances to a source of ignition and flashback

## 5.3 Advice for firefighters

- Prevent run off water from entering drains if possible
- In the event of an adjacent fire, cool containers with water spray
- Vapours are heavier than air and may travel considerable distances to a source of ignition and flashback
- 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 allow to enter public sewers and watercourses

### 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).
- See Section 8

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

- Store in a dry place. Store in a closed container (P402+P404).
- Store in a well-ventilated place (P403).
- 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, <2% aromatics  
TLV (TWA) 275 mg/m<sup>3</sup> (

### 8.2 Exposure controls

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

### 8.3 Occupational exposure controls



- In case of inadequate ventilation wear respiratory protection (P285).
  - 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.
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## SECTION 9 Physical and chemical properties

### 9.1 Information on basic physical and chemical properties

- Odour: Smells of hydrocarbon
  - Appearance: Liquid, yellow, insoluble in water
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**SECTION 9 Physical and chemical properties (....)**

- Boiling point 160 °C to 245 °C at 760 mm /Hg
- Vapour density (air = 1) >1
- Density 0,785 - 0,810 g/cm<sup>3</sup> at 20 deg C
- Flash point >61 deg C (CC)
- Auto-ignition point >200 deg C
- Lower flammability limit 0,6%(in air)
- Upper flammability limit 7%(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

- Avoid overheating
- 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) (Sodiumpetroleum sulphonate) >2000 mg/kg
- LD50 (oral,rat) (Hydrocarbones) >5000 mg/kg

## 11.2 Contact with eyes

- May cause redness and 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
- Aspiration hazard
- The ingestion of significant quantities may cause chemical oedema

## 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) (Hydrocarbones) >100 mg/l (96 hr)
  - EC50 (daphnia) (Hydrocarbones) >100 mg/l (72 hr)
  - EC50 (daphnia) (Hydrocarbones) >100 mg/l (48 hr)
  - Biodegradability. OECD-test. 28 days >60 % (Hydrocarbones)
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**SECTION 12 Ecological information (....)**

## 12.2 Persistence and degradability

- Readily biodegradable

## 12.3 Bioaccumulation Potential

- Hydrocarbon solvents have the potential to bioaccumulate.

## 12.4 Mobility in soil

- Insoluble in water

## 12.5 Results of PBT and vPvB assessment

- Not a PBT according to REACH Annex XIII

## 12.6 Other Adverse Effects

- No environmental problems are expected when the product is used / handled correctly. In its intended use, the product will not be released into the 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 01 04
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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

## 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)

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**SECTION 14 Transport information (....)**

- 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**

- 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 %
  - Anionic surfactants <5 %
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- This composition meets the criteria for not being harmful to the marine environment according to MARPOL Annex V and may be discharged into the sea when used to clean cargo holds and external surfaces on ships.
- Council Directive 1999/45/EEC Classification, packing and labelling of dangerous preparations.
- Refer to The Dangerous Substances Directive (67/548/EEC)
- This Safety Data Sheet is provided in compliance with the EC Directive 1907/2006-453/2010
- Regulations 1272/2008/EEC. Classification, labeling and packing of dangerous substances and preparations
- IMO -approved; Tank Cleaning.
- Norwegian Productregistration no: 18210
- Danish PR number: 1540384

**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:-  
EUH066: Repeated exposure may cause skin dryness or cracking. H304: May be fatal if swallowed and enters airways. H318: Causes serious eye damage. R36: Irritating 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

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

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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  
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