

## SAFETY DATA SHEET

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

Product Name:	<b>FUELCARE</b>
Datasheet Number:	766154 3. 0. 0
Use of the substance/preparation:	Fuel treatment, Pre combustion treatment
Product Part Number:	766154 (25L) - 766162 (210L)
Head Office::	Wilhelmsen Ships Service
address:	Strandveien 20, N-1324 Lysaker, Norway - Tel:(+47) 67 58 45 50
Name of Supplier:	Wilhelmsen Ships Service AS
Address of Supplier:	Willem Barentszstraat 50 3165AB Rotterdam
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Telephone:	+31 10 4877 777
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Responsible Person:	Patrick Rijdsdijk, Product HSE Manager, Tel.:+31 6 349 440 35
Email:	Patrick.Rijdsdijk@Wilhelmsen.com
Emergency Telephone:	<b>**ONLY TO BE USED IN CASE OF AN INCIDENT**</b> NCEC: +44 1865 407333, CHEMTREC (800) 424 9300 American Chemistry Council +1 703 527 3887, Greece +30 210 7793777

**2 Hazards identification**

Harmful

- Odour: Smells of hydrocarbon
- Appearance: Liquid, white, insoluble in water
- Contact with eyes: Causes redness and irritation
- Contact with skin: Prolonged skin contact will result in defatting of the skin, leading to irritation, and in some cases, dermatitis
- Inhalation: In cases of severe exposure, dizziness, confusion, headache or stupor may develop
- Ingestion: The ingestion of significant quantities may cause damage to lungs

## Classification of the substance or mixture

- Council Directive 1999/45/EEC Classification, packing and labelling of dangerous preparations.

## Risk Phrases

- Harmful: may cause lung damage if swallowed (R65)
- Repeated exposure may cause skin dryness or cracking (R66)

## Safety Phrases

- Do not breathe spray/mists (S23)
- Avoid contact with skin (S24)
- If swallowed, do not induce vomiting: seek medical advice immediately and show this container or label (S62)
- Wear suitable protective clothing, eye/face protection and gloves (S36/37/39)

**3 Composition/information on ingredients**

Chemical Name	Concentration	CAS Number	EC Number	R/H Phrases*	Symbols
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### 3 Composition/information on ingredients (....)

Naphtha (petroleum), 60-100 64742-82-1 265-185-4 65, 66 Xn  
hydrodesulfurized heavy

\*See Section 16

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### 4 First aid measures

Contact with skin

- Remove contaminated clothing immediately and drench affected skin with plenty of water
- Contaminated clothing should be laundered before reuse
- Seek medical attention if irritation persists

Contact with eyes

- If substance has got into eyes, immediately wash out with plenty of water for at least 15 minutes
- Irrigate eyes thoroughly whilst lifting eyelids
- Seek medical attention if irritation persists

Ingestion

- 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
- Give water or milk to drink

Inhalation

- Remove patient to fresh air
- Seek medical attention if ill effects occur

General

- In case of accident or if you feel unwell, seek medical advice immediately (show the label where possible) (S45)
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### 5 Fire-fighting measures

- Auto-ignition point >200 deg C at 760 mm Hg
  - Flash point >62 deg C (CC)
  - Carbon oxides may be formed
  - In case of fire use water spray or fog, alcohol resistant foam, dry chemical or carbon dioxide (S43)
  - Do not use water jets
  - Vapours are heavier than air and may travel considerable distances to a source of ignition and flashback
  - Prevent run off water from entering drains if possible
  - Wear Breathing Apparatus
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### 6 Accidental release measures

Personal precautions, protective equipment and emergency procedures

- Wear protective clothing as per section 8

Environmental Precautions

- Do not allow to enter public sewers and watercourses
- Do not flush spilt material into any public water system

Immediate Actions

- Contain spillage by any means possible

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
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## 6 Accidental release measures (....)

### Special Precautions

- Do not allow to enter public sewers and watercourses
  - Wear protective clothing as per section 8
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## 7 Handling and storage

### Precautions for safe handling

- Avoid contact with skin and eyes (S24/25)
- Do not breathe vapours excessively
- Keep away from heat and sources of ignition
- See Section 8

### Conditions for safe storage, including any incompatibilities

- Keep only in the original container in a cool, well ventilated place (S3/9/49)
  - Keep container tightly closed (S7)
  - Keep away from open flames, hot surfaces and sources of ignition.
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## 8 Exposure controls/personal protection

### Control parameters

- Naphtha (petroleum),hydrodesulfurized heavy  
TLV (TWA) 275 mg/m3 (Naphtha (petroleum) hydrodesulfurized heavy)

### Exposure controls

- The undiluted product must not be used in a confined space without good ventilation
- No special ventilation is required unless the product is used in a spray form

### Occupational exposure controls

- No respiratory protection is required unless subject to contact with substance mist
- Where an air-purifying respirator is suitable, use EN141 or EN405, type A
- Wear suitable protective clothing, including eye/face protection and gloves (neoprene or nitrile are recommended)



Gloves



Suit



Goggles



No Smoking

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## 9 Physical and chemical properties

- Odour: Smells of hydrocarbon
  - Appearance: Liquid, white, insoluble in water
  - pH - not applicable
  - Boiling point 176 °C to 217 °C at 760 mm /Hg
  - Vapour pressure 0.05 kPa @ 25 °C
  - Vapour density (air = 1) >1
  - Freezing point <-20 °C
  - Melting point - not known
  - Insoluble in water
  - Specific gravity (water=1) 0.86
  - Density 0.81 g/cm3 at 15 deg C
  - Flash point >62 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)
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## 10 Stability and reactivity

- This article is considered stable under normal conditions
  - Keep away from naked flames, incandescent or hot surfaces
  - See Section 5
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## 11 Toxicological information

Information on toxicological effects

- LD50 (oral) : >2000 mg/kg
- (Kerosine / naphtha )

Inhalation

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

Contact with skin

- Causes redness and irritation
- Prolonged skin contact will result in defatting of the skin, leading to irritation, and in some cases, dermatitis

Contact with eyes

- Causes redness and irritation

Ingestion

- The ingestion of significant quantities may cause damage to lungs

Carcinogenicity

- No evidence of carcinogenic effects
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## 12 Ecological information

Ecotoxicity

- LC50 96 hours fish 10-100 mg/l (Naphtha)

Persistence and degradability

- BOD 28 >60%

Bioaccumulation Potential

- Hydrocarbon solvents have the potential to bioaccumulate.

Mobility in soil

- Insoluble in water
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## 13 Disposal considerations

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

Classification

- EU Waste class: 07.01
  - This material and/or its container must be disposed of as hazardous waste
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## 14 Transport information

Special precautions for user

- Not classified as hazardous for transport
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## 15 Regulatory information

Classification and labelling

- Council Directive 1999/45/EEC Classification, packing and labelling of dangerous preparations.
- This Safety Data Sheet is provided in compliance with The Dangerous Substances Directive (67/548/EEC)

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.
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## 16 Other information

Text of R and S phrase codes used in this safety data sheet:- 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 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 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