

## SAFETY DATA SHEET

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

Product Name: **MINERAL COMPRESSOR OIL**  
 Datasheet Number: 655134 1. 0. 0  
 Use of the substance/preparation: Compressor oil  
 Product Part Number: 655134 (1 liter), 655142 (5 liter)  
 Name of Supplier: Wilhelmsen Ships Service AS  
 Address of Supplier: Willem Barentszstraat 50  
 3165 AB Rotterdam-Albrandswaard, The Netherlands  
  
 Telephone: +31 10 4877 777  
 Fax: +31 10 4877 888  
 Responsible Person: Leen de Visser, Product HSE Manager, Tel.: +31 6 538 63736  
 Email: Leen.de.Visser@Wilhelmsen.com  
 Name of Manufacturer: Wilhelmsen Ships Service AS  
 Address of Manufacturer: Strandveien 20  
 P.O.Box 33  
 NO-1324 LYSAKER  
 Norway.  
 Telephone: +47 67 584550  
 Emergency Telephone: NCEC: +44 1865 407333, CHEMTREC (800) 424 9300  
 American Chemistry Council +1 703 527 3887, Greece +30 210 7793777

**2 Composition/information on ingredients**

Chemical Name	Concentration	CAS Number	EC Number	R Phrases	Symbols
Non classified ingredients	100	-	-	-	-

**3 Hazards identification**

- Odour: Smells of hydrocarbon
- Appearance: Liquid, yellow, insoluble in water
- Contact with eyes: Causes irritation
- Contact with skin: Prolonged skin contact will result in defatting of the skin, leading to irritation, and in some cases, dermatitis
- Inhalation: Vapours or aerosols may cause irritation of eyes, nose and respiratory tract
- Ingestion: The ingestion of significant quantities may cause nausea/vomiting, Harmful: may cause lung damage if swallowed (R65)

**4 First aid measures**

## Contact with skin

- Remove contaminated clothing
- Wash affected area with plenty of soap and 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
- Give water or milk to drink
- When in doubt or symptoms persist, seek medical attention

## Inhalation

- Remove patient to fresh air
- Keep warm and at rest, in a half upright position. Loosen clothing
- Seek medical attention if ill effects occur

### 4 First aid measures (....)

#### General

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

### 5 Fire-fighting measures

- Lower flammability limit 1%(in air), Upper flammability limit 10%(in air), Flash point 220 deg C (CC)
- Decomposition products may include carbon oxides
- In case of fire use water spray or fog, alcohol resistant foam, dry chemical or carbon dioxide (S43)
- Do not use water jets
- Keep container(s) exposed to fire cool, by spraying with water
- Vapours are heavier than air and may travel considerable distances to a source of ignition and flashback

### 6 Accidental release measures

#### Personal Precautions

- Wear protective clothing as per section 8

#### Environmental Precautions

- Do not allow to enter public sewers and watercourses

#### Immediate Actions

- Use appropriate containment to avoid environmental contamination (S57)

#### Clean Up Actions

- Absorb spillage in inert material and shovel up
- Ventilate the area and wash spill site after material pick-up is complete

#### Special Precautions

- Wear protective clothing as per section 8
- Vapours are heavier than air and may travel considerable distances to a source of ignition and flashback
- Wear suitable respiratory protection

### 7 Handling and storage

#### Handling

- Wear protective clothing as per section 8
- Avoid contact with skin and eyes (S24/25)
- Eyewash bottles should be available
- Keep away from sources of ignition - No Smoking (S16)

#### Storage

- Keep container tightly closed, in a cool, well ventilated place (S3/7/9)
- Keep away from open flames, hot surfaces and sources of ignition.

### 8 Exposure controls and personal protection

#### Exposure Limits

- TLV (TWA) 5 mg/m<sup>3</sup> (oil mist)

#### Exposure controls

- No special ventilation is required unless the product is used in a spray form

#### Occupational exposure controls

- Wear suitable protective clothing, including eye/face protection and gloves (neoprene or nitrile are recommended)
- Respiratory protection may be required under exceptional circumstances when excessive air contamination exists
- Wear approved respirator if exposure likely to exceed MEL/OES



Respirator



Gloves



Goggles



Suit

### 9 Physical and chemical properties

- Odour: Smells of hydrocarbon
- Appearance: Liquid, yellow, insoluble in water
- pH - not applicable

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## 9 Physical and chemical properties (....)

- Boiling point >280 °C at 760 mm /Hg
- Vapour pressure 0.5 Pa at 20 deg C
- Vapour density (air = 1) >1
- Freezing point unknown
- Insoluble in water
- Specific gravity (water=1) 0.91
- Lower flammability limit 1%(in air), Upper flammability limit 10%(in air), Flash point 220 deg C (CC)
- Log Pow 3.5 - 4.7

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## 10 Stability and reactivity

- This article is considered stable under normal conditions
- Avoid overheating, Keep away from naked flames, incandescent or hot surfaces
- Incompatible with strong oxidizing substances

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## 11 Toxicological information

### Toxicological information

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

### Inhalation

- Mildly irritating to respiratory system

### Contact with skin

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

### Contact with eyes

- In cases of severe exposure, irritation may develop

### Ingestion

- The ingestion of significant quantities may cause nausea/vomiting
- Aspiration hazard
- Harmful: may cause lung damage if swallowed (R65)

### Carcinogenicity

- No evidence of carcinogenic effects

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## 12 Ecological information

### Ecotoxicity

- Low toxicity to fish

### Mobility

- Insoluble in water

### Persistence and Biodegradability

- Not readily biodegradable

### Bioaccumulation Potential

- Hydrocarbon solvents have the potential to bioaccumulate.

### 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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## 13 Disposal considerations

### Classification

- EU Waste class: 07.01

### 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

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## 14 Transport information

- Not classified as hazardous for transport

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## 15 Regulatory information

### Classification and labelling

- Not classified as hazardous for users

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## 15 Regulatory information (....)

### Risk Phrases

- Not applicable

### Safety Phrases

- Not applicable

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## 16 Other information

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

This Safety Data Sheet is provided in compliance with The Dangerous Substances Directive (67/548/EEC)

This Safety Data Sheet is provided in compliance with The Dangerous Preparations Directive (88/379/EEC)

This Safety Data Sheet is provided in compliance with The Safety Data Sheets Directive (2001/58EC)