

SAFETY DATA SHEET

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

1.1 Product identifier

Product Name: VACUUM PUMP OIL
Datasheet Number: 320424-r 1. 0. 0
Product Part Number: 320424 (1 liter), 597674 (5 liter)
Head Office:: Wilhelmsen Ships Service As
Address: Strandveien 20, N1324 Lysaker, Norway, Tel:Tel:(+47) 67 58 45 50

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

Compressor oil

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 10 4877 777
Fax: +31 10 4877 888
Responsible Person: Patrick Rijdsdijk, Product HSE Manager, Tel.:+31 6 349 440 35
Email: patrick.rijdsdijk@wilhelmsen.com

1.4 Emergency telephone number

ONL TO BE USED IN CASE OF AN INCIDENT

NCEC: +44 1865 407333, CHEMTREC (800) 424 9300

American Chemistry Council +1 703 527 3887,

Greece +30 210 7793777

Australia: +61 3 9630 0998

2 Hazards identification

2.1 Classification of the substance or mixture

- Not classified as hazardous for users

2.2 Label elements

- None

Risk Phrases

- Not applicable

Safety Phrases

- Not applicable

2.3 Other hazards

- Odour: Smells of hydrocarbon
- Appearance: Liquid, pale amber, insoluble in water
- Contact with eyes: May cause redness and irritation
- Contact with skin: May cause irritation
- Inhalation: Mildly irritating to respiratory system

2 Hazards identification (....)

- Ingestion: The ingestion of significant quantities may cause gastro-intestinal disturbances, The ingestion of significant quantities may cause nausea/vomiting

3 Composition/information on ingredients

Chemical Name	Concentration	CAS Number	EC Number	R/H Phrases	Symbols
Destillates, petroleum, Solvent-refined heavy aromatic	100	64741-88-4	265-090-8	-	-

4 First aid measures

4.1 Description of first aid measures

- IF ON SKIN: Wash with plenty of soap and water.
- Contaminated clothing should be laundered before reuse
- Seek medical attention if irritation persists
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- IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.
- If substance has got into eyes, immediately wash out with plenty of water for at least 15 minutes
- Irrigate eyes thoroughly whilst lifting eyelids
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- IF INHALED: If breathing is difficult, remove to fresh air and keep at rest in a position comfortable for breathing.
- Seek medical attention if irritation persists
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- IF SWALLOWED: rinse mouth. Do NOT induce vomiting.
- 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

4.2 Most important symptoms and effects, both acute and delayed

- Mildly irritating to respiratory system
- Possible redness and irritation of affected areas
- The ingestion of significant quantities may cause gastro-intestinal disturbances
- The ingestion of significant quantities may cause damage to lungs

4.3 Indication of immediate medical attention and special treatment needed

None

5 Fire-fighting measures

5.1 Extinguishing media

- In case of fire use water spray or fog, alcohol resistant foam, dry chemical or carbon dioxide (S43)
- Do not use water jets

5 Fire-fighting measures (....)

5.2 Special hazards arising from the substance or mixture

- Smoke from fires is toxic. Take precautions to protect personnel from exposure

5.3 Advice for firefighters

- Wear Breathing Apparatus
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6 Accidental release measures

6.1 Personal precautions, protective equipment and emergency procedures

- Wear protective clothing as per section 8
- Spillage causes slippery surface

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

- None
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7 Handling and storage

7.1 Precautions for safe handling

- Wear protective clothing as per section 8
- Eyewash bottles should be available
- Do not get in eyes, on skin, or on clothing.

7.2 Conditions for safe storage, including any incompatibilities

- Store between 0 and 50 °C
- Keep away from open flames, hot surfaces and sources of ignition.
- Store in a well-ventilated place. Keep container tightly closed.
- Keep cool. Protect from sunlight.

7.3 Specific end use(s)

8 Exposure controls/personal protection

8.1 Control parameters

- TLV (TWA) 5 mg/m3 (oil mist)

8.2 Exposure controls

- No special precautions are required for this product

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



Gloves



Goggles



Suit



No Smoking

9 Physical and chemical properties

9.1 Information on basic physical and chemical properties

- Odour: Smells of hydrocarbon
- Appearance: Liquid, pale amber, insoluble in water
- pH - not applicable
- Boiling point - not known
- Vapour pressure <0.001 kPa at 20 deg C
- Vapour density (air = 1) >1
- Freezing point unknown
- Insoluble in water
- Specific gravity (water=1) 0.87
- Flash point 208 deg C (CC)
- Viscosity 31 cST @ 40 deg C

9.2 Other information

- None

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

- Incompatible with oxidizing substances

10.6 Hazardous Decomposition Products

- Decomposition products may include carbon oxides

11 Toxicological information

11.1 Information on toxicological effects

- LD50 (oral, rat) >5000 mg/kg
- LD50 (dermal) : >2000 mg/kg

11 Toxicological information (....)

Inhalation

- Mildly irritating to respiratory system

Contact with skin

- May cause redness and irritation

Contact with eyes

- In cases of severe exposure, irritation may develop

Ingestion

- May cause gastro-intestinal disturbances
- Aspiration hazard
- Harmful: may cause lung damage if swallowed (R65)

Carcinogenicity

- No evidence of carcinogenic effects
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12 Ecological information

12.1 Toxicity

- May cause long term adverse effects in the aquatic environment (R53)

12.2 Persistence and degradability

- Not 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

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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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

Classification

- EU Waste class: 13.02.06
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14 Transport information

14.1 UN Number

- n/a
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14 Transport information (....)

14.2 UN Proper Shipping Name

- n/a

14.3 Transport hazard class(es)

- n/a

14.4 Packing group

- n/a

14.5 Environmental hazards

- Presents little or no hazard to the environment

14.6 Special precautions for user

- Not classified as hazardous for transport

14.7 Transport in bulk according to Annex II of MARPOL 73/78 and the IBC code

- Not applicable

Other information

15 Regulatory information

15.1 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.
- This Safety Data Sheet is provided in compliance with 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

15.2 Chemical Safety Assessment

None

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

OTHER CONTACT INFORMATION MAJOR CHEMICAL OFFICES

For addresses of other Wilhelmsen Ships Service offices, please refer to www.wilhelmsen.com/shipsservice

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Emergency 24hrs: +61 3 9630 0998

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daytime: (+1) 718 815 1310 Fax: (+1) 718 233 3268

16 Other information (....)

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