

**Safety data sheet**  
according to 1907/2006/EC, Article 31

Printing date 11.09.2019

Version Nr.: 10

Revision: 11.09.2019

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

- **1.1 Product identifier**
- **Trade name:** **VICKERLUBE FGS FRIDGECOM 68**
- **1.2 Relevant identified uses of the substance or mixture and uses advised against**
- **Sector of Use**
  - SU17 General manufacturing, e.g. machinery, equipment, vehicles, other transport equipment
  - SU4 Manufacture of food products
  - SU1 Agriculture, forestry, fishery
- **Product category** PC24 Lubricants, greases, release products
- **Process category**
  - PROC8b Transfer of substance or mixture (charging and discharging) at dedicated facilities
  - PROC8a Transfer of substance or mixture (charging and discharging) at non-dedicated facilities
  - PROC9 Transfer of substance or mixture into small containers (dedicated filling line, including weighing)
- **Environmental release category** ERC5 Use at industrial site leading to inclusion into/onto article
- **Technical function** Compressor Lubrincant
- **Application of the substance / the mixture** Food Grade
- **1.3 Details of the supplier of the safety data sheet**
- **Manufacturer/Supplier:**
  - BENJN.R.VICKERS & SONS LTD.
  - 6 Clarence Road
  - Leeds
  - LS10 1ND
  - United Kingdom
- **Further information obtainable from:** Product safety department: msds@vickers-oil.com
- **1.4 Emergency telephone number:**
  - During normal opening times 08:30- 16:30 UK : +44 (0)113 386 7654
  - All other times: +44 (0) 1865 407333

**SECTION 2: Hazards identification**

- **2.1 Classification of the substance or mixture**
- **Classification according to Regulation (EC) No 1272/2008**
  - The product is not classified, according to the CLP regulation.
- **2.2 Label elements**
- **Labelling according to Regulation (EC) No 1272/2008** None
- **Hazard pictograms** None
- **Signal word** None
- **Hazard statements** None
- **2.3 Other hazards**
- **Results of PBT and vPvB assessment**
- **PBT:** Not applicable.
- **vPvB:** Not applicable.

**SECTION 3: Composition/information on ingredients**

- **3.2 Chemical characterisation: Mixtures**
- **Description:** Mixture of substances listed below with nonhazardous additions.
- **Dangerous components:** None
- **Additional information:** For the wording of the listed hazard phrases refer to section 16.

**Safety data sheet**  
according to 1907/2006/EC, Article 31

Printing date 11.09.2019

Version Nr.: 10

Revision: 11.09.2019

Trade name: **VICKERLUBE FGS FRIDGECOM 68**

(Contd. of page 1)

**SECTION 4: First aid measures**

- **4.1 Description of first aid measures**
- **General information:** No special measures required.
- **After inhalation:** Supply fresh air; consult doctor in case of complaints.
- **After skin contact:** Immediately wash with water and soap and rinse thoroughly.
- **After eye contact:**  
Rinse opened eye for several minutes under running water. If symptoms persist, consult a doctor.
- **After swallowing:**  
Do not induce vomiting. Wash out mouth with water. Seek medical attention, showing this sheet.
- **4.2 Most important symptoms and effects, both acute and delayed**  
No further relevant information available.
- **4.3 Indication of any immediate medical attention and special treatment needed**  
No further relevant information available.

**SECTION 5: Firefighting measures**

- **5.1 Extinguishing media**
- **Suitable extinguishing agents:**  
Use fire extinguishing methods suitable to surrounding conditions.  
CO<sub>2</sub>, powder or water spray. Fight larger fires with water spray or alcohol resistant foam.
- **For safety reasons unsuitable extinguishing agents:** Water with full jet
- **5.2 Special hazards arising from the substance or mixture**  
Formation of toxic gases is possible during heating or in case of fire.
- **5.3 Advice for firefighters**
- **Protective equipment:** Do not inhale explosion gases or combustion gases.

**SECTION 6: Accidental release measures**

- **6.1 Personal precautions, protective equipment and emergency procedures**  
Keep away from ignition sources.  
Remove persons from danger area.  
Wear protective equipment. Keep unprotected persons away.
- **6.2 Environmental precautions:**  
Keep contaminated washing water and dispose of appropriately.  
Do not allow to enter sewers/ surface or ground water.
- **6.3 Methods and material for containment and cleaning up:**  
Send for recovery or disposal in suitable receptacles.  
Absorb with liquid-binding material (sand, diatomite, acid binders, universal binders, sawdust).  
Ensure adequate ventilation.
- **6.4 Reference to other sections**  
See Section 7 for information on safe handling.  
See Section 8 for information on personal protection equipment.  
See Section 13 for disposal information.

**SECTION 7: Handling and storage**

- **7.1 Precautions for safe handling** Ensure good ventilation/exhaustion at the workplace.
- **Information about fire - and explosion protection:** Keep ignition sources away - Do not smoke.

(Contd. on page 3)

**Safety data sheet**  
according to 1907/2006/EC, Article 31

Printing date 11.09.2019

Version Nr.: 10

Revision: 11.09.2019

**Trade name: VICKERLUBE FGS FRIDGECOM 68**

(Contd. of page 2)

- **7.2 Conditions for safe storage, including any incompatibilities**
- **Storage:**
- **Requirements to be met by storerooms and receptacles:**  
Provide ventilation for receptacles.  
Store in a cool location.
- **Information about storage in one common storage facility:**  
Store away from oxidising agents.  
Store away from reducing agents.
- **Information about storage conditions:** Use within 5 years of manufacture.
- **7.3 Specific end use(s)** No further relevant information available.

**SECTION 8: Exposure controls/personal protection**

- **Additional information about design of technical facilities:** No further data; see item 7.
- **8.1 Control parameters**
- **Ingredients with limit values that require monitoring at the workplace:**  
The product does not contain any relevant quantities of materials with critical values that have to be monitored at the workplace.
- **Additional information:** The lists valid during the making were used as basis.
- **8.2 Exposure controls**
- **Personal protective equipment:**
- **General protective and hygienic measures:**  
The usual precautionary measures are to be adhered to when handling chemicals.
- **Respiratory protection:**  
Use suitable respiratory protective device only when aerosol or mist is formed.
- **Protection of hands:**



Protective gloves

The glove material has to be impermeable and resistant to the product/ the substance/ the preparation.  
Selection of the glove material on consideration of the penetration times, rates of diffusion and the degradation

- **Material of gloves**  
The selection of the suitable gloves does not only depend on the material, but also on further marks of quality and varies from manufacturer to manufacturer. As the product is a preparation of several substances, the resistance of the glove material can not be calculated in advance and has therefore to be checked prior to the application.
- **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.
- **Eye protection:** Goggles recommended during refilling

**SECTION 9: Physical and chemical properties**

- **9.1 Information on basic physical and chemical properties**
- **General Information**
- **Appearance:**

|                |              |
|----------------|--------------|
| <b>Form:</b>   | Liquid       |
| <b>Colour:</b> | Light yellow |

(Contd. on page 4)

**Safety data sheet**  
according to 1907/2006/EC, Article 31

Printing date 11.09.2019

Version Nr.: 10

Revision: 11.09.2019

Trade name: **VICKERLUBE FGS FRIDGECOM 68**

(Contd. of page 3)

|  |   |
|--|---|
| · <b>Odour:</b>                                  | Characteristic                                |
| · <b>Odour threshold:</b>                        | Not determined.                               |
| · <b>pH-value:</b>                               | Not determined.                               |
| · <b>Change in condition</b>                     |   |
| <b>Melting point/freezing point:</b>             | Undetermined.                                 |
| <b>Initial boiling point and boiling range:</b>  | Undetermined.                                 |
| · <b>Flash point:</b>                            | >270 °C                                       |
| · <b>Flammability (solid, gas):</b>              | Not applicable.                               |
| · <b>Decomposition temperature:</b>              | Not determined.                               |
| · <b>Auto-ignition temperature:</b>              | Product is not selfigniting.                  |
| · <b>Explosive properties:</b>                   | Product does not present an explosion hazard. |
| · <b>Explosion limits:</b>                       |   |
| <b>Lower:</b>                                    | Not determined.                               |
| <b>Upper:</b>                                    | Not determined.                               |
| · <b>Vapour pressure:</b>                        | Not determined.                               |
| · <b>Density at 15 °C:</b>                       | 0.84 g/cm <sup>3</sup>                        |
| · <b>Relative density</b>                        | Not determined.                               |
| · <b>Vapour density</b>                          | Not determined.                               |
| · <b>Evaporation rate</b>                        | Not determined.                               |
| · <b>Solubility in / Miscibility with water:</b> | Not miscible or difficult to mix.             |
| · <b>Partition coefficient: n-octanol/water:</b> | Not determined.                               |
| · <b>Viscosity:</b>                              |   |
| <b>Dynamic:</b>                                  | Not determined.                               |
| <b>Kinematic at 40 °C:</b>                       | 66 mm <sup>2</sup> /s                         |
| · <b>9.2 Other information</b>                   | No further relevant information available.    |

**SECTION 10: Stability and reactivity**

- **10.1 Reactivity** No dangerous reaction known under conditions of normal use
- **10.2 Chemical stability**
- **Thermal decomposition / conditions to be avoided:**  
No decomposition if used according to specifications.
- **10.3 Possibility of hazardous reactions** Reacts with acids, alkalis and oxidising agents.
- **10.4 Conditions to avoid** No further relevant information available.
- **10.5 Incompatible materials:** Strong oxidising agents
- **10.6 Hazardous decomposition products:** No dangerous decomposition products known.

**SECTION 11: Toxicological information**

- **11.1 Information on toxicological effects**
- **Acute toxicity** Based on available data, the classification criteria are not met.
- **Primary irritant effect:**
- **Skin corrosion/irritation** Based on available data, the classification criteria are not met.
- **Serious eye damage/irritation** Based on available data, the classification criteria are not met.
- **Sensitisation:** Based on available data, the classification criteria are not met.

(Contd. on page 5)

**Safety data sheet**  
according to 1907/2006/EC, Article 31

Printing date 11.09.2019

Version Nr.: 10

Revision: 11.09.2019

Trade name: **VICKERLUBE FGS FRIDGECOM 68**

(Contd. of page 4)

- **CMR effects (carcinogenicity, mutagenicity and toxicity for reproduction)**
- **Germ cell mutagenicity** Based on available data, the classification criteria are not met.
- **Carcinogenicity** Based on available data, the classification criteria are not met.
- **Reproductive toxicity** Based on available data, the classification criteria are not met.
- **STOT-single exposure** Based on available data, the classification criteria are not met.
- **STOT-repeated exposure** Based on available data, the classification criteria are not met.
- **Aspiration hazard** Based on available data, the classification criteria are not met.

**SECTION 12: Ecological information**

- **12.1 Toxicity**
- **Aquatic toxicity:** No further relevant information available.
- **12.2 Persistence and degradability** No further relevant information available.
- **12.3 Bioaccumulative potential** No further relevant information available.
- **12.4 Mobility in soil** No further relevant information available.
- **Additional ecological information:**
- **General notes:**  
Water hazard class 1 (German Regulation) (Self-assessment): slightly hazardous for water  
Do not allow undiluted product or large quantities of it to reach ground water, water course or sewage system.
- **12.5 Results of PBT and vPvB assessment**
- **PBT:** Not applicable.
- **vPvB:** Not applicable.
- **12.6 Other adverse effects** No further relevant information available.

**SECTION 13: Disposal considerations**

- **13.1 Waste treatment methods**
- **Recommendation** Delivery of waste oil to officially authorised collectors only.

· **European waste catalogue**

|           |   |
|-----------|---|
| 13 00 00  | OIL WASTES AND WASTES OF LIQUID FUELS (EXCEPT EDIBLE OILS, AND THOSE IN CHAPTERS 05, 12 AND 19) |
| 13 01 00  | waste hydraulic oils  |
| 13 01 11* | synthetic hydraulic oils  |

- **Uncleaned packaging:**
- **Recommendation:** Disposal must be made according to official regulations.

**SECTION 14: Transport information**

- |   |                             |
|---|-----------------------------|
| <ul style="list-style-type: none"> <li>· <b>14.1 UN-Number</b></li> <li>· <b>ADR, ADN, IMDG, IATA</b></li> </ul>  | Not hazardous for transport |
| <ul style="list-style-type: none"> <li>· <b>14.2 UN proper shipping name</b></li> <li>· <b>ADR, ADN, IMDG, IATA</b></li> </ul>                            | Not hazardous for transport |
| <ul style="list-style-type: none"> <li>· <b>14.3 Transport hazard class(es)</b></li> <li>· <b>ADR, ADN, IMDG, IATA</b></li> <li>· <b>Class</b></li> </ul> | Not hazardous for transport |
| <ul style="list-style-type: none"> <li>· <b>14.4 Packing group</b></li> <li>· <b>ADR, IMDG, IATA</b></li> </ul>   | Not hazardous for transport |

(Contd. on page 6)

**Safety data sheet**  
according to 1907/2006/EC, Article 31

Printing date 11.09.2019

Version Nr.: 10

Revision: 11.09.2019

**Trade name: VICKERLUBE FGS FRIDGECOM 68**

(Contd. of page 5)

|  |                             |
|--|-----------------------------|
| • <b>14.5 Environmental hazards:</b>   | Not applicable.             |
| • <b>14.6 Special precautions for user</b>                                       | Not applicable.             |
| • <b>14.7 Transport in bulk according to Annex II of Marpol and the IBC Code</b> | Not applicable.             |
| • <b>UN "Model Regulation":</b>  | Not hazardous for transport |

### SECTION 15: Regulatory information

- **15.1 Safety, health and environmental regulations/legislation specific for the substance or mixture**
- **Directive 2012/18/EU**
- **Named dangerous substances - ANNEX I** None of the ingredients is listed.
- **15.2 Chemical safety assessment:** A Chemical Safety Assessment has not been carried out.

### SECTION 16: Other information

This information is based on our present knowledge. However, this shall not constitute a guarantee for any specific product features and shall not establish a legally valid contractual relationship.

- **Department issuing SDS:** Product safety department
- **Contact:**  
msds@vickers-oil.com  
Emergency 24 hrs Telephone numbers;  
Global (English) +44 (0) 1865 407333  
US and Canada (English) +1 202 464 2554  
Mexico (Spanish, English) +52 555 004 8763  
Brazil (Portuguese) +556 113 711 9144 (option 1)  
Chile (Spanish, English) +56 225 829 336  
China (Mandarin, English) \*\*+86 10 5100 3039  
Australia (English) +61 2801 44558  
New Zealand (English) +64 9929 1483
- **Abbreviations and acronyms:**  
ADR: Accord européen sur le transport des marchandises dangereuses par Route (European Agreement concerning the International Carriage of Dangerous Goods by Road)  
IMDG: International Maritime Code for Dangerous Goods  
IATA: International Air Transport Association  
GHS: Globally Harmonised System of Classification and Labelling of Chemicals  
EINECS: European Inventory of Existing Commercial Chemical Substances  
ELINCS: European List of Notified Chemical Substances  
CAS: Chemical Abstracts Service (division of the American Chemical Society)  
PBT: Persistent, Bioaccumulative and Toxic  
vPvB: very Persistent and very Bioaccumulative
- **\* Data compared to the previous version altered.**