

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

Printing date 21.01.2022

Version number 4

Revision: 21.01.2022

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

- **1.1 Product identifier**
  - **Trade name:** Lubrication Fluid
  - **Article number:** 401 701
  - **Additional information:** - -
- **1.2 Relevant identified uses of the substance or mixture and uses advised against**

No further relevant information available.
- **Application of the substance / the mixture**

Industrial use.  
For additional information, see Technical Datasheet.
- **Uses advised against** Uses advised against: Non-industrial use.
- **1.3 Details of the supplier of the safety data sheet**
  - **Manufacturer/Supplier:**

Candor Sweden AB  
Box 946, 601 19 NORRKÖPING, Sweden  
E-mail: info@candorsweden.com  
Tel.no.: +46 11 217500
  - **Further information obtainable from:**

Contact concerning MSDS  
E-mail: support@candorsweden.com  
Tel.: +46 11 217500
- **1.4 Emergency telephone number:**

Call SOS, Poisons Information Centre or nearest hospital if emergency arises.

**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 as hazardous according to current legislation.
- **2.2 Label elements**
  - **Labelling according to Regulation (EC) No 1272/2008** Void
  - **Hazard pictograms** Void
  - **Signal word** Void
  - **Hazard statements** Void
  - **Additional information:**

Safety data sheet available on request.
- **2.3 Other hazards**
  - **Results of PBT and vPvB assessment**
  - **PBT:** Not applicable.
  - **vPvB:** Not applicable.

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### SECTION 3: Composition/information on ingredients

#### 3.2 Chemical characterisation: Mixtures

· **Description:** Mixture of substances listed below with nonhazardous additions.

#### · **Dangerous components:**

nonionic surfactants (polymers)	Aquatic Acute 1, H400; Aquatic Chronic 3, H412	1-<2.5%
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· **Additional information:** For the wording of the listed hazard phrases refer to section 16.

### SECTION 4: First aid measures

#### 4.1 Description of first aid measures

##### · **After inhalation:**

Fresh air.  
Get medical advice if any discomfort develops.

##### · **After skin contact:**

Wash skin with soap and water.  
Consult a doctor if irritation should occur.

##### · **After eye contact:**

Rinse immediately with plenty of water.  
Consult a doctor if irritation should occur.

##### · **After swallowing:**

Rinse out mouth and then drink plenty of water.  
If symptoms persist consult doctor.

#### 4.2 Most important symptoms and effects, both acute and delayed

For further information see section 11.

#### 4.3 Indication of any immediate medical attention and special treatment needed

Treat symptomatically.

### SECTION 5: Firefighting measures

#### 5.1 Extinguishing media

- **Suitable extinguishing agents:** Use fire extinguishing methods suitable to surrounding conditions.
- **For safety reasons unsuitable extinguishing agents:** Never use a high pressure sprayer.

#### 5.2 Special hazards arising from the substance or mixture

Gases that are dangerous to health are formed in a fire.  
See section 10.

#### 5.3 Advice for firefighters

- **Protective equipment:** Use protective equipment and compressed air breathing apparatus.
- **Additional information**  
Dispose of fire debris and contaminated fire fighting water in accordance with official regulations.

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**SECTION 6: Accidental release measures**

- **6.1 Personal precautions, protective equipment and emergency procedures**  
Avoid contact with the skin, eyes and respiratory tract.  
Wear protective equipment. Keep unprotected persons away.
- **6.2 Environmental precautions:**  
Avoid discharges into the sewage system or the immediate environment. In the event of major emissions, contact the relevant authorities.
- **6.3 Methods and material for containment and cleaning up:**  
Absorb with liquid-binding material (sand, diatomite, acid binders, universal binders, sawdust).  
Dispose of the material collected according to regulations.  
Finish treatment of area with water wash.
- **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**  
Avoid contact with the skin, eyes and respiratory tract.  
Wear necessary protective equipment.  
See section 8.  
A risk assessment of the handling must always be done based on the specific conditions at the workplace.  
Ensure good ventilation/exhaustion at the workplace.  
Eye wash facilities and emergency shower must be available when handling this product.
- **Information about fire - and explosion protection:** No special measures required.
- **7.2 Conditions for safe storage, including any incompatibilities**
  - **Storage:**
  - **Requirements to be met by storerooms and receptacles:**  
Keep container tightly closed.  
Keep in a dry, cool and well-ventilated place.
  - **Information about storage in one common storage facility:**  
For information:  
See section 10.5.
  - **Further information about storage conditions:**  
Store in cool, dry conditions in well sealed receptacles.  
Protect from frost.  
Suitable storage temperature: 5-25 °C.
  - **Shelf life:** 12 months
- **7.3 Specific end use(s)** No further relevant information available.

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### SECTION 8: Exposure controls/personal protection

#### 8.1 Control parameters

##### Additional information about design of technical facilities:

Provide adequate ventilation.

No further data; see item 7.

##### 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:** Ensure good industrial hygiene.

**Respiratory protection:** Use respirator in the presence of vapours/aerosols.

##### Protection of hands:



Protective gloves

Avoid direct contact with the chemical/ the product/ the preparation by organisational measures.

##### 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:** Wear splash-proof eye goggles to prevent any possibility of eye contact.

**Body protection:** Use suitable protective clothing as protection against splashing and contamination.

**Limitation and supervision of exposure into the environment** No information available.

### SECTION 9: Physical and chemical properties

#### 9.1 Information on basic physical and chemical properties

##### General Information

##### Appearance:

Form:	Fluid
Colour:	White
Odour:	Weak, characteristic
Odour threshold:	Not determined.

**pH-value:** Not determined.

##### Change in condition

**Melting point/freezing point:** 0 °C

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<b>Initial boiling point and boiling range:</b>	>100 °C
· <b>Flash point:</b>	>100 °C Not relevant.
· <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>	Not relevant.
· <b>Explosion limits:</b>	
Lower:	Not determined.
Upper:	Not determined.
· <b>Oxidising properties</b>	Not relevant.
· <b>Vapour pressure:</b>	Not determined.
· <b>Density at 20 °C:</b>	1 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 determined.
· <b>Partition coefficient: n-octanol/water:</b>	Not determined.
· <b>Viscosity:</b>	
Dynamic at 20 °C:	500-2,000 mPas
Kinematic:	Not determined.
· <b>Solvent content:</b>	
VOC (EC)	0.00 %
· <b>9.2 Other information</b>	No further relevant information available.

### SECTION 10: Stability and reactivity

- **10.1 Reactivity** Stable under recommended storage and handling conditions.
- **10.2 Chemical stability** Stable under recommended storage and handling conditions.
- **Thermal decomposition / conditions to be avoided:**  
No decomposition if used according to specifications.
- **10.3 Possibility of hazardous reactions** No dangerous reactions known.
- **10.4 Conditions to avoid** Avoid storing at extreme temperatures.
- **10.5 Incompatible materials:** Avoid contact with strong oxidisers.
- **10.6 Hazardous decomposition products:** No dangerous decomposition products known.

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### SECTION 11: Toxicological information

#### 11.1 Information on toxicological effects

- **Acute toxicity** Based on available data, the classification criteria are not met.

#### LD/LC50 values relevant for classification:

Oral	LD50	>3,000 mg/kg (rat)
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- **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.
- **Respiratory or skin sensitisation** Based on available data, the classification criteria are not met.
- **Additional toxicological information:**
- **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:

LC50	>30 mg/L
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- **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 2 (German Regulation) (Self-assessment): hazardous for water  
Do not allow product to reach ground water, water course or sewage system.  
Danger to drinking water if even small quantities leak into the ground.
- **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**  
Dump or destroy in accordance with official recommendations and applicable legislation.

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- **European waste catalogue** Suitable classification of waste is the responsibility of the user.
- **Uncleaned packaging:**
- **Recommendation:**  
Packagings that may not be cleansed are to be disposed of in the same manner as the product.

### SECTION 14: Transport information

- |   |                 |
|---|-----------------|
| · <b>14.1 UN-Number</b><br>· <b>ADR, ADN, IMDG, IATA</b>                                    | Void            |
| · <b>14.2 UN proper shipping name</b><br>· <b>ADR, ADN, IMDG, IATA</b>                      | Void            |
| · <b>14.3 Transport hazard class(es)</b><br>· <b>ADR, ADN, IMDG, IATA</b><br>· <b>Class</b> | Void            |
| · <b>14.4 Packing group</b><br>· <b>ADR, IMDG, IATA</b>                                     | Void            |
| · <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>   | Void            |

### SECTION 15: Regulatory information

- **15.1 Safety, health and environmental regulations/legislation specific for the substance or mixture**  
 The product is classified and labeled in accordance with EU guidelines and national legislation. Relevant and applicable legislation concerning the product is for example:  
 EC 1272/2008 (CLP).  
 EC 1907/2006 (REACH).  
 National valid regulations on health and safety at work.  
 2008/98/EC (Waste).  
 National waste regulations.  
  
 All directives and regulations refer to amended versions.
- **Directive 2012/18/EU**
- **Named dangerous substances - ANNEX I** None of the ingredients is listed.
- **DIRECTIVE 2011/65/EU on the restriction of the use of certain hazardous substances in electrical and electronic equipment – Annex II**  
 None of the ingredients is listed.

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 · **REGULATION (EU) 2019/1148**

 · **Annex I - RESTRICTED EXPLOSIVES PRECURSORS (Upper limit value for the purpose of licensing under Article 5(3))**

None of the ingredients is listed.

 · **Annex II - REPORTABLE EXPLOSIVES PRECURSORS**

None of the ingredients is listed.

 · **Regulation (EC) No 273/2004 on drug precursors**

None of the ingredients is listed.

 · **Regulation (EC) No 111/2005 laying down rules for the monitoring of trade between the Community and third countries in drug precursors**

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.

 · **Relevant phrases**

H400 Very toxic to aquatic life.

H412 Harmful to aquatic life with long lasting effects.

 · **Department issuing SDS:** Product safety department

 · **Abbreviations and acronyms:**

ADR: Accord relatif au transport international 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)

VOC: Volatile Organic Compounds (USA, EU)

LC50: Lethal concentration, 50 percent

LD50: Lethal dose, 50 percent

PBT: Persistent, Bioaccumulative and Toxic

vPvB: very Persistent and very Bioaccumulative

Aquatic Acute 1: Hazardous to the aquatic environment - acute aquatic hazard – Category 1

Aquatic Chronic 3: Hazardous to the aquatic environment - long-term aquatic hazard – Category 3

 · **Sources**

The safety data sheet is based on information given by our suppliers and our present knowledge.

 European Chemicals Agency, <http://echa.europa.eu/>

 "Kemiska Ämnen": <http://www.prevent.se/kemiskaamnen/>

 · **\* Data compared to the previous version altered.**