

**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) |
|------|------|--------------------|
- **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 |
|------|----------|
- **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.**