

Safety Data Sheet acc. to OSHA HCS


Printing date 02/01/2022

Reviewed on 02/01/2022

1 Identification

- **Product identifier**
- **Trade name:** Lubrication Fluid
- **Article number:** 401 701
- **Application of the substance / the mixture**
Industrial use.
For additional information, see Technical Datasheet.
- **Uses advised against** Uses advised against: Non-industrial use.
- **Details of the supplier of the safety data sheet**
- **Manufacturer/Supplier:**
Candor Sweden AB
Box 946, 601 19 NORRKÖPING, Sverige
E-mail: info@candorsweden.com
Tel.: 011-217500
- **Information department:**
Contact concerning MSDS:
E-mail: support@candorsweden.com
Tel.: +46 11 217500
- **Emergency telephone number:**
Call SOS, Poisons Information Centre or nearest hospital if emergency arises.

2 Hazard(s) identification

- **Classification of the substance or mixture**
The product is not classified, according to the Globally Harmonized System (GHS).
 - **Label elements**
 - **GHS label elements** Void
 - **Hazard pictograms** Void
 - **Signal word** Void
 - **Hazard statements** Void
 - **Additional information:** - -
 - **Classification system:**
 - **NFPA ratings (scale 0 - 4)**
- 

Health = 0
Fire = 1
Reactivity = 0
- **HMIS-ratings (scale 0 - 4)**
- | | | |
|------------|---|----------------|
| HEALTH | 0 | Health = 0 |
| FIRE | 1 | Fire = 1 |
| REACTIVITY | 0 | Reactivity = 0 |
- **Other hazards**
 - **Results of PBT and vPvB assessment**
 - **PBT:** Not applicable.

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3 Composition/information on ingredients

- **Chemical characterization: Mixtures**
- **Description:** Mixture of the substances listed below with nonhazardous additions.
- **Dangerous components:**
Contains no dangerous substances above the individual limits laid down in current legislation.

4 First-aid measures

- **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.
- **Information for doctor:**
- **Most important symptoms and effects, both acute and delayed**
For further information see section 11.
- **Indication of any immediate medical attention and special treatment needed**
Treat symptomatically.

5 Fire-fighting measures

- **Extinguishing media**
- **Suitable extinguishing agents:** Use fire fighting measures that suit the environment.
- **For safety reasons unsuitable extinguishing agents:** Never use a high pressure sprayer.
- **Special hazards arising from the substance or mixture**
Gases that are dangerous to health are formed in a fire.
See section 10.
- **Advice for firefighters**
- **Protective equipment:** Use protective equipment and compressed air breathing apparatus.

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6 Accidental release measures

- **Personal precautions, protective equipment and emergency procedures**
Observe normal care.
- **Environmental precautions:**
Avoid discharges into the sewage system or the immediate environment.
- **Methods and material for containment and cleaning up:**
Absorb with liquid-binding material (sand, diatomite, acid binders, universal binders, sawdust).
Dispose of the collected material according to regulations.
Finish treatment of area with water wash.
- **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.
- **Protective Action Criteria for Chemicals**

· **PAC-1:**

None of the ingredients is listed.

· **PAC-2:**

None of the ingredients is listed.

· **PAC-3:**

None of the ingredients is listed.

7 Handling and storage

- **Handling:**
- **Precautions for safe handling**
Observe normal care.
No special measures required.
A risk assessment of the handling must always be done based on the specific conditions at the workplace.
- **Information about protection against explosions and fires:** No special measures required.
- **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.
- **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

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- **Specific end use(s)** No further relevant information available.

8 Exposure controls/personal protection

- **Additional information about design of technical systems:**

Provide adequate ventilation.
No further data; see item 7.

- **Control parameters**

- **Components 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 that were valid during the creation were used as basis.

- **Exposure controls**

- **Personal protective equipment:**

- **General protective and hygienic measures:**

The usual precautionary measures for handling chemicals should be followed.
Ensure good industrial hygiene.

- **Breathing equipment:** Use respirator in the presence of vapours/aerosols.

- **Protection of hands:**



Protective gloves

- **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.

9 Physical and chemical properties

- **Information on basic physical and chemical properties**

- **General Information**

- **Appearance:**

Form:	Fluid
Color:	White
Odor:	Weak, characteristic
Odor threshold:	Not determined.

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· pH-value:	Not determined.
· Change in condition	
Melting point/Melting range:	0 °C (32 °F)
Boiling point/Boiling range:	>100 °C (>212 °F)
· Flash point:	>100 °C (>212 °F) Not relevant.
· Flammability (solid, gaseous):	Not applicable.
· Decomposition temperature:	Not determined.
· Auto igniting:	Product is not selfigniting.
· Danger of explosion:	Not relevant.
· Explosion limits:	
Lower:	Not determined.
Upper:	Not determined.
· Oxidizing properties	Not relevant.
· Vapor pressure:	Not determined.
· Density at 20 °C (68 °F):	1 g/cm ³ (8.345 lbs/gal)
· Relative density	Not determined.
· Vapor density	Not determined.
· Evaporation rate	Not determined.
· Solubility in / Miscibility with	
Water:	Not miscible or difficult to mix.
· Partition coefficient (n-octanol/water):	Not determined.
· Viscosity:	
Dynamic at 20 °C (68 °F):	500-2,000 mPas
Kinematic:	Not determined.
· Solvent content:	
VOC content:	0.00 % 0.0 g/l / 0.00 lb/gal
· Other information	No further relevant information available.

10 Stability and reactivity

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

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- **Hazardous decomposition products:** No dangerous decomposition products known.

11 Toxicological information

- **Information on toxicological effects**

- **Acute toxicity:**

- **LD/LC50 values that are relevant for classification:**

Oral	LD50	>3,000 mg/kg (rat)
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- **Primary irritant effect:**

- **on the skin:** No irritant effect.
- **on the eye:** No irritating effect.

- **Sensitization:** No sensitizing effects known.

- **Additional toxicological information:**

When used and handled according to specifications, the product does not have any harmful effects according to our experience and the information provided to us.

- **Carcinogenic categories**

- **IARC (International Agency for Research on Cancer)**

None of the ingredients is listed.

- **NTP (National Toxicology Program)**

None of the ingredients is listed.

- **OSHA-Ca (Occupational Safety & Health Administration)**

None of the ingredients is listed.

12 Ecological information

- **Toxicity**

The product is not classified as hazardous to the environment. This does not rule out that large or frequently repeated games can have dangerous effects in the environment.

- **Aquatic toxicity:**

LC50	>30 mg/L
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- **Persistence and degradability** No further relevant information available.

- **Behavior in environmental systems:**

- **Bioaccumulative potential** No further relevant information available.
- **Mobility in soil** No further relevant information available.

- **Additional ecological information:**

- **General notes:**

Water hazard class 2 (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.

- **Results of PBT and vPvB assessment**

- **PBT:** Not applicable.

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- **vPvB:** Not applicable.
- **Other adverse effects** No further relevant information available.

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13 Disposal considerations

- **Waste treatment methods**
- **Recommendation:**
Dump or destroy in accordance with official recommendations and applicable legislation.
- **Uncleaned packagings:**
- **Recommendation:**
Packagings that cannot be cleansed are to be disposed of in the same manner as the product.

14 Transport information

- | | |
|--|-----------------|
| · UN-Number | Not relevant. |
| · DOT, ADR, ADN, IMDG, IATA | Void |
| · UN proper shipping name | Not relevant. |
| · DOT, ADR, ADN, IMDG, IATA | Void |
| · Transport hazard class(es) | Not relevant. |
| · DOT, ADR, ADN, IMDG, IATA | |
| · Class | Void |
| · Packing group | Not relevant. |
| · DOT, ADR, IMDG, IATA | Void |
| · Environmental hazards: | Not applicable. |
| · Special precautions for user | Not applicable. |
| · Transport in bulk according to Annex II of MARPOL73/78 and the IBC Code | Not applicable. |
| · UN "Model Regulation": | Void |

15 Regulatory information

- **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.

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 · **Section 355 (extremely hazardous substances):**

None of the ingredients is listed.

 · **Section 313 (Specific toxic chemical listings):**

None of the ingredients is listed.

 · **TSCA (Toxic Substances Control Act):**

None of the ingredients is listed.

 · **Hazardous Air Pollutants**

None of the ingredients is listed.

 · **Proposition 65**

 · **Chemicals known to cause cancer:**

None of the ingredients is listed.

 · **Chemicals known to cause reproductive toxicity for females:**

None of the ingredients is listed.

 · **Chemicals known to cause reproductive toxicity for males:**

None of the ingredients is listed.

 · **Chemicals known to cause developmental toxicity:**

None of the ingredients is listed.

 · **Carcinogenic categories**

 · **EPA (Environmental Protection Agency)**

None of the ingredients is listed.

 · **TLV (Threshold Limit Value)**

None of the ingredients is listed.

 · **NIOSH-Ca (National Institute for Occupational Safety and Health)**

None of the ingredients is listed.

 · **GHS label elements** Void

 · **Hazard pictograms** Void

 · **Signal word** Void

 · **Hazard statements** Void

 · **Chemical safety assessment:** A Chemical Safety Assessment has not been carried out.

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

 · **Date of preparation / last revision** 02/01/2022 / 3

 · **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

DOT: US Department of Transportation

IATA: International Air Transport Association

EINECS: European Inventory of Existing Commercial Chemical Substances

ELINCS: European List of Notified Chemical Substances

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CAS: Chemical Abstracts Service (division of the American Chemical Society)
NFPA: National Fire Protection Association (USA)
HMIS: Hazardous Materials Identification System (USA)
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
NIOSH: National Institute for Occupational Safety
OSHA: Occupational Safety & Health
TLV: Threshold Limit Value
PEL: Permissible Exposure Limit
REL: Recommended Exposure Limit

· Sources

The safety data sheet is based on information given by our suppliers and our present knowledge.
European Chemicals Agency, <http://echa.europa.eu/>
"Chemical Substances": <http://www.prevent.se/kemiskaamnen/>

· * Data compared to the previous version altered.

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