

---

## 1. Identification of the substance/ mixture and of the company/ undertaking

### Product identifier

Trade name: LEYBONOL LVO 300

Product description: Synthetic oil (PAO with additives)

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

Uses: Vacuum pump oil, Industrial, Lubricant

Recommended restrictions on use: Restricted to professional users.

Order number:	Number	Package Size
	L30000	0,5 Liter
	L30001	1 Liter
	L30005	5 Liter
	L30020	20 Liter

### Details of the supplier of the safety data sheet

Supplier: Leybold GmbH  
Bonner Strasse 498  
D-50968 Cologne  
Phone +49-221-347-0  
Fax +49-221-347-1250  
Internet www.leybold.com

E-Mail: documentation@leybold.com

Emergency phone number: +49/ (0)700 24112112 (OLC)

---

## 2. Hazards identification

### 2.1 Classification of the substance or mixture

#### Classification (REGULATION (EC) No 1272/2008)

Not a hazardous substance or mixture according to Regulation (EC) No. 1272/2008.

#### Classification (67/548/EEC, 1999/45/EC)

Not a hazardous substance or mixture according to EC-directives 67/548/EEC or 1999/45/EC.

### 2.2 Label elements

#### Labelling (REGULATION (EC) No 1272/2008)

Hazard statements: Not a hazardous substance or mixture according to Regulation (EC) No. 1272/2008.

#### Supplemental Hazard Statements:

2.3 Other hazards: No information available.

---

## 3. Composition/ information on ingredients

### 3.2 Mixtures

Remarks: No dangerous ingredients according to Regulation (EC) No. 1907/2006

---

## 4. First aid measures

### 4.1 Description of first aid measures

<b>General advice:</b>	No hazards which require special first aid measures.
<b>If inhaled:</b>	Move to fresh air in case of accidental inhalation of dust or fumes from overheating or combustion. If symptoms persist, call a physician.
<b>In case of skin contact:</b>	Take off contaminated clothing and shoes immediately. Wash off with soap and plenty of water.
<b>In case of eye contact:</b>	Flush eyes with water as a precaution. Remove contact lenses. Protect unharmed eye. Keep eye wide open while rinsing.
<b>If swallowed:</b>	Clean mouth with water and drink afterwards plenty of water. Do not give milk or alcoholic beverages. Never give anything by mouth to an unconscious person.

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

**Symptoms:** None known.

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

**Treatment:** For specialist advice physicians should contact the Poisons Information Service.

---

## 5. Firefighting measures

### 5.1 Extinguishing media

**Suitable extinguishing media:** Use extinguishing measures that are appropriate to local circumstances and the surrounding environment.

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

**Specific hazards during firefighting:** Do not allow run-off from fire fighting to enter drains or water courses.

### 5.3 Advice for firefighters

**Special protective equipment for firefighters:** In the event of fire, wear self-contained breathing apparatus.

**Further information:** Standard procedure for chemical fires.

---

## 6. Accidental release measures

### 6.1 Personal precautions, protective equipment and emergency procedures

**Personal precautions:** Use personal protective equipment.

### 6.2 Environmental precautions

**Environmental precautions:** No special environmental precautions required.  
If the product contaminates rivers and lakes or drains inform respective authorities.

---

---

## 6.3 Methods and materials for containment and cleaning up

**Methods for cleaning up:** Wipe up with absorbent material (e.g. cloth, fleece).  
Keep in suitable, closed containers for disposal.

**6.4 Reference to other sections:** Refer to protective measures listed in sections 7 and 8.

---

## 7. Handling and storage

### 7.1 Precautions for safe handling

**Advice on safe handling:** For personal protection see section 8.  
No special handling advice required.

**Advice on protection against fire and explosion:** Normal measures for preventive fire protection.

### 7.2 Conditions for safe storage, including any incompatibilities

**Requirements for storage areas and containers:** Keep container tightly closed in a dry and well-ventilated place.

**Advice on common storage:** No special restrictions on storage with other products.

**Other data:** No decomposition if stored and applied as directed.

### 7.3 Specific end uses

**Specific use(s):** Raw material for industry

---

## 8. Exposure controls/ personal protection

**8.1 Control parameters:** Contains no substances with occupational exposure limit values.

### 8.2 Exposure controls

**Engineering measures:** Effective exhaust ventilation system  
Ensure that eyewash stations and safety showers are close to the workstation location.

### Personal protective equipment

**Respiratory protection:** No personal respiratory protective equipment normally required.  
In case of mist, spray or aerosol exposure wear suitable personal respiratory protection and protective suit.

**Hand protection:** For prolonged or repeated contact use protective gloves.

**Eye protection:** Safety glasses

**Skin and body protection:** Protective suit

**Hygiene measures:** General industrial hygiene practice.

### Environmental exposure controls

**General advice:** No special environmental precautions required.  
If the product contaminates rivers and lakes or drains inform respective authorities.

---

## 9. Physical and chemical properties

### 9.1 Information on basic physical and chemical properties

Appearance:	liquid
Colour:	clear
Odour:	No information available.
Odour Threshold:	No information available.
Flash point:	265 °C
Ignition temperature:	No information available.
Lower explosion limit:	No information available.
Upper explosion limit:	No information available.
Flammability (solid, gas) :	No information available.
Autoignition temperature:	No information available.
pH:	No information available.
Vapour pressure:	No information available.
Density:	0,842 g/cm <sup>3</sup>
Relative density:	No information available.
Water solubility:	No information available.
Partition coefficient: n- octanol/water:	No information available.
Solubility in other solvents:	No information available.
Viscosity, kinematic:	99,4 mm <sup>2</sup> /s at 40 °C
Relative vapour density:	No information available.
Evaporation rate:	No information available.

### 9.2 Other information

**Oxidising potential:** Note: No information available.

## 10. Stability and reactivity

**10.1 Reactivity:** Stable under recommended storage conditions.

**10.2 Chemical stability:** No decomposition if stored and applied as directed.

### 10.3 Possibility of hazardous reactions

**Hazardous reactions:** Note: No hazards to be specially mentioned.

### 10.4 Conditions to avoid

**Conditions to avoid:** Exposure to moisture.  
Contamination

### 10.5 Incompatible materials

**Materials to avoid:** Strong acids and oxidizing agents

### 10.6 Hazardous decomposition products

**Hazardous decomposition products:** Carbon oxides

## 11. Toxicological information

### 11.1 Information on toxicological effects

#### Acute toxicity

**Acute oral toxicity:** Remarks: Not classified due to lack of data.

**Acute inhalation toxicity:** Remarks: Not classified due to lack of data.

---

<b>Acute dermal toxicity:</b>	Remarks: Not classified due to lack of data.
<b>Skin corrosion/irritation</b>	
<b>Skin irritation:</b>	Remarks: According to the classification criteria of the European Union, the product is not considered as being a skin irritant.
<b>Serious eye damage/eye irritation</b>	
<b>Eye irritation:</b>	Remarks: According to the classification criteria of the European Union, the product is not considered as being an eye irritant.
<b>Respiratory or skin sensitisation</b>	
<b>Sensitisation:</b>	Remarks: Not classified due to lack of data.
<b>Mutagenicity Assessment:</b>	Remarks: Not classified due to lack of data.
<b>Carcinogenicity Assessment:</b>	Remarks: Not classified due to lack of data.
<b>Reproductive toxicity Assessment:</b>	Remarks: Not classified due to lack of data.
<b>Target Organ Systemic Toxicant – Single exposure:</b>	Remarks: Not classified due to lack of data.
<b>Target Organ Systemic Toxicant – Repeated exposure:</b>	Remarks: Not classified due to lack of data.
<b>Aspiration hazard</b>	
<b>Aspiration toxicity:</b>	No aspiration toxicity classification
<b>Toxicology Assessment</b>	
<b>Further information:</b>	No data available

---

## 12. Ecological information

### 12.1 Toxicity

**Toxicity to fish:** Remarks: no data available

**Toxicity to daphnia and other aquatic invertebrates.:** Remarks: no data available

### 12.2 Persistence and degradability

**Biodegradability:** Remarks: no data available

### 12.3 Bioaccumulative potential

**Bioaccumulation:** Remarks: no data available

### 12.4 Mobility in soil

**Mobility:** Remarks: no data available

### 12.5 Results of PBT and vPvB assessment:

This mixture contains no substance considered to be persistent, bioaccumulating nor toxic (PBT).

---

## 12.6 Other adverse effects

**Additional ecological information:** There is no data available for this product.

---

## 13. Disposal considerations

### 13.1 Waste treatment methods

**Product:** Offer surplus and non-recyclable solutions to a licensed disposal company.

**Contaminated packaging:** Empty remaining contents.  
Empty containers should be taken to an approved waste handling site for recycling or disposal.

---

## 14. Transport information

**ADR:** Not dangerous goods

**IATA:** Not dangerous goods

**IMDG:** Not dangerous goods

**RID:** Not dangerous goods

**Special precautions for user:** Not classified as dangerous in the meaning of transport regulations. |

---

## 15. Regulatory information

### 15.1 Safety, health and environmental regulations/legislation specific for the substance or mixture

**REACH - Candidate List of Substances of Very High Concern for Authorisation (Article 59):**

This product does not contain substances of very high concern (Regulation (EC) No 1907/2006 (REACH), Article 57). |

**Major Accident Hazard Legislation:** 96/82/EC Update: 2003  
Directive 96/82/EC does not apply

**Water contaminating class (Germany):** WGK 1 slightly water endangering self classification

### Notification status

US.TSCA: On TSCA Inventory  
DSL: All components of this product are on the Canadian DSL list.  
AICS: On the inventory, or in compliance with the inventory  
NZIoC: On the inventory, or in compliance with the inventory  
ENCS: Not in compliance with the inventory  
KECI: On the inventory, or in compliance with the inventory  
PICCS: On the inventory, or in compliance with the inventory  
IECSC: On the inventory, or in compliance with the inventory

**15.2 Chemical Safety Assessment:** No information available.

---

## 16. Other information

### Safety Data Sheet according to Regulation (EC) No. 1907/2006

#### History

<b>Date of issue:</b>	09.06.2010
<b>Date of revision:</b>	04.12.2014
<b>Version:</b>	C0

| Indicates information that has changed from previously issued version.

#### Notice to reader

This safety data sheet serves to complete but not to replace the technical product sheets. The information contained herein is given in good faith and is accurate to the best of knowledge at the date indicated above. It is understood by the user that any use of the product for purposes other than those for which it was designed entails potential risk. The information given herein in no way dispenses the user from knowing and applying all provisions regulating his activity. The user bears sole liability for the precautions required when using the product. The information contained therein is protected by copyright and must not be reproduced or amended without the express written approval of Leybold. This document may be passed on only to the extent required by law. Any dissemination of our safety datasheets (e.g. as a document for download from the Internet) beyond this legally required extent is not permitted without express written consent.