

SAFETY DATA SHEET



according to regulation (EC) No 1907/2006 (REACH) and 1272/2008/EC

MOL-LUB Ltd.

Trade name: LE 1275 ALMAPLEX Industrial Lubricant

Version: 3

Latest revision: 15. 09. 2022

Date of issue: 08. 08. 2007

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Section 1 Identification of the substance/mixture and of the company/undertaking

1.1 Product identifier:

LE 1275 ALMAPLEX Industrial Lubricant

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

Relevant identified uses: Industrial Lubricant

Uses advised against: application other than the above.

1.3 Details of the supplier of the safety data sheet:

Manufacturer identification:

Lubrication Engineers Inc

1919 E. Tulsa

Wichita, KS 67216

USA

Tel: +1 800-537-7683

Supplier identification:

MOL-LUB Lubricant Production Trade and Service Limited Liability Company

H-2931 Almásfüzitő, Fő út 21., Hungary

Phone / Fax: +36 34526330 / +36 34526391

Request SDS of:

MOL-LUB Lubricant Production Trade and Service Limited Liability Company

Customer Service Center

H-2931 Almásfüzitő, Fő út 21., Hungary

Phone / Fax: +36 80201296 / +36 34348010

Responsible for SDS:

MOL LUB Kft.

Tel: +36 80 201 296

E-mail: EBKHelpdesk@MOL.hu

1.4 Emergency telephone number

Emergency telephone (07-15²⁰ h): +36 34 526 210 (CET) on workdays

Health Toxicological Information Service (ETTSZ 1097 Budapest, Albert Flórián st. 2-6.)

Tel.: +36 80 201 199 (0-24 h, free number, can only be called from Hungary).

+36 1 476 6464 (0-24 h, can be called for a normal fee - also from abroad)

National Health Toxicological Information Service:

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Section 2 Hazards identification

2.1 Classification of the substance or mixture

Hazard Class and Category: Hazard statement:

Not classified.

-

2.2 Label elements

Product identification: Trade name: **LE 1275 ALMAPLEX Industrial Lubricant**

Hazardous components: -

GHS Pictogram: not required

Signal word: not required

Hazard statement:

not required

Supplemental hazard information:

EUH210 Safety data sheet available on request.

Precautionary statements – General:

-

Precautionary statements – Prevention:

P273 Avoid release to the environment.

Precautionary statements – Response:

-

Precautionary statements – Storage:

-

Precautionary statements – Disposal:

P501 Dispose of contents/container in accordance with national regulation.

Other liabilities for labelling:

Tactile warning of danger: Not required.

Transport classification: see section 14.

2.3 Other hazards

No data.

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Section 3 Composition/information on ingredients

3.2 Mixtures

Chemical description: Synthetic oil and mineral oil based consistent lubricant containing additives.

Component(s) / Hazardous component(s):

Name	EC number	CAS number	Hazard classes and cat.	Hazard statements	Conc. % (m/m)
Distillates (petroleum), hydrotreated heavy naphthenic* REACH Registr. Nr.: 01-2119467170-45	265-155-0	64742-52-5	- (Note L)	-	60-70
Residual oils (petroleum), solvent-dewaxed* REACH Registr. Nr.: 01-2119480472-38	265-166-0	64742-62-7	- (Note L)	-	20-30
Zinc distearate REACH Registr. Nr.: no data	209-151-9	557-05-1	-	-	1-5
Tris(dipentylidithiocarbamate-S,S')antimony REACH Registr. Nr.: no data	240-028-2	15890-25-2	Acute Tox. 4 Acute Tox. 4 Aquatic Chronic 2	H302 H332 H411	1 - <2.5
Distillates (petroleum), solvent-dewaxed heavy paraffinic* REACH Registr. Nr.: 01-2119471299-27	265-169-7	64742-65-0	- (Note L)	-	1-5

*: with exposure limit

Note L: The harmonised classification as a carcinogen applies unless it can be shown that the substance contains less than 3 % of dimethyl sulphoxide extract as measured by IP 346 ("Determination of polycyclic aromatics in unused lubricating base oils and asphaltene free petroleum fractions – Dimethyl sulphoxide extraction refractive index method" Institute of Petroleum, London), in which case a classification in accordance with Title II of this Regulation shall be performed also for that hazard class.

The full text of each relevant H- phrase and Hazard classes and cat. see in Section 16.

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Section 4 First aid measures

4.1 Description of first aid measures

General information: Never give anything by mouth to an unconscious person, or never induce vomiting.

Inhalation: Remove the affected person to fresh air. If necessary, perform the artificial respiration. If rapid recovery does not occur, obtain medical attention.

Skin contact: Remove contaminated clothing. Wash skin with large amounts of water, use soap. In case of persistent irritation, get medical attention.

Eye contact: Flush eyes with plenty of water for 10-15 minutes. In case of persistent irritation, get medical attention.

Ingestion: If swallowed, give water. **Do not** induce vomiting. Get medical attention.

Protection of first-aid person: No data available.

4.2 Most important symptoms and effects, both acute and delayed

Prolonged and/or repeated contact may cause irritation on skin or in eyes depending on individual sensitivity.

4.3 Indication of any immediate medical attention and special treatment needed

Applying symptomatic treatment.

Section 5 Fire-fighting measures

Fire hazards:

Explosive.

5.1 Extinguishing media

Suitable extinguishing media:

Foam, carbon dioxide, dry chemical powder, water-spray.

Unsuitable extinguishing media:

Full water jet (it may scatter and spread fire).

5.2 Special hazards arising from the substance or mixture

Hazardous combustion products:

On burning, carbon monoxide, carbon dioxide, various hydrocarbons and soot can be formed.

5.3 Advice for fire-fighters

Special protective equipment:

According to the existing fire-fighting regulations (breathing protection).

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Further information:

Collect contaminated fire fighting water separately. It must not enter the sewage system. Contaminated extinguishing water must be disposed of in accordance with official regulations.

Section 6 Accidental release measures

6.1 Personal precautions, protective equipment and emergency procedures

Personal precautions: see Section 8.

Remove all sources of ignition.

6.2 Environmental precautions:

Confine spills to prevent material from entering sewers, watercourses, drains and into soil Notify relevant authority.

6.3 Methods and material for containment and cleaning up

On soil: All kind of ignition sources should be removed. Take up spilled product with shovel or scoop. Residuals should be cleaned up with sand or earth. Dispose of the collected material as hazardous waste, according to local regulations.

On water: Confine the spillage. Remove from surface by skimming. Notify local authorities according to regulations.

6.4 Reference to other sections

Personal precautions: see section 8.

Waste treatment methods: see section 13.

Section 7 Handling and storage

7.1 Precautions for safe handling

Keep general measures for handling lubricant greases and chemicals should be observed.

Adequate ventilation must be provided.

Keep away from radiant heat and open flame.

Avoid contact with skin and eyes.

After splashing floor may be slippery, use care to avoid falling, contain spills immediately.

Ensure washing facilities after working hours and before breaks.

Take off contaminated clothing and wash it before reuse.

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When using do not eat, drink or smoke.

Handling temperature: not known

7.2 Conditions for safe storage, including any incompatibilities

Storage facilities must comply with regulations for storing of flammable liquids.

Store in dry, well-ventilated place in original, closed containers.

Keep away from radiant heat, open flame and strong oxidizing agents, strong acids, strong bases.

Storage temperature: max. 40°C

7.3 Specific end use(s)

Industrial Lubricant.

Section 8 Exposure controls / personal protection

8.1 Control parameters:

-

8.2 Exposure controls

Engineering control measures:

Adequate ventilation

Personal protection:

- | | | |
|-----|------------------------|--|
| (a) | Eye/face protection | Tightly fitting safety goggles. |
| (b) | Skin protection | |
| | (i) Hand protection | Oil resistant gloves (EN 374, Breakthrough time > 480 min, PK power level: 6; PR flow rate: 0).
Note: Manufacturer's directions for use and the conditions of application should be observed. |
| | (ii) Other | Protective clothing (Long sleeved).
Ensure that eyewash stations and safety showers are close to the workstation location. |
| (c) | Respiratory protection | Under normal conditions not required. In case of exceeded exposure-limits respiratory protection with particle-filter is recommended. |
| (d) | Thermal hazards | No data. |

Environmental exposure controls:

Do not discharge into drains/surface waters/groundwater.

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Section 9 Physical and chemical properties

9.1 Information on basic physical and chemical properties

a) Physical state:	consistent, paste
b) Colour:	orange
c) Odour:	characteristic, hydrocarbon
d) Melting point/freezing point (Pour point):	not available
e) Boiling point or initial boiling point and boiling range:	not available
f) Flammability:	combustible
g) Lower and upper explosion limit:	not explosive
h) Flash point:	232°C
i) Auto-ignition temperature:	not available
j) Decomposition temperature:	not available
k) pH:	6-8
l) Kinematic viscosity (EN ISO 3104)	
	at 40°C: not available
	at 100°C: not available
m) Solubility	
Solubility in water:	practically insoluble in water
Solubility in other solvents:	not available
n) Partition coefficient n-octanol/water (log value):	not available
o) Vapour pressure at 20°C:	negligible
p) Density and/or relative density:	0.95
q) Relative vapour density (air=1):	<1
r) Particle characteristics:	not available

9.2 Other information

no data available

Section 10 Stability and reactivity

10.1 Reactivity:	Dangerous reactivity not known.
10.2 Chemical stability:	No decomposition if stored and handled properly.
10.3 Possibility of hazardous reactions:	Not known.
10.4 Conditions to avoid:	Direct heat or ignition sources.
10.5 Incompatible materials:	Strong oxidizing agents, strong acids, strong bases.
10.6 Hazardous decomposition products:	No dangerous decomposition products are formed under normal conditions. Hazardous combustion products: See Section 5.

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Section 11 Toxicological information

11.1 Information on hazard classes as defined in Regulation (EC) No 1272/2008

Acute toxicity: Based on available data, the classification criteria are not met

Oral:	ATE _{mix}	21 036	mg/kg	
Dermal:	ATE _{mix}	7892	mg/kg	
Inhalation:	ATE _{mix}	2,5	mg/l	(dust/mist)

Components:

Distillates (petroleum), hydrotreated heavy naphthenic (CAS: 64742-52-5):

Oral:	LD ₅₀ (rat)	> 5000	mg/kg
Dermal:	LD ₅₀ (rabbit)	> 2000	mg/kg

Residual oils (petroleum), solvent-dewaxed (CAS: 64742-62-7):

Oral:	LD ₅₀ (rat)	> 5000	mg/kg
Dermal:	LD ₅₀ (rabbit)	> 2000	mg/kg
Inhalation:	LC ₅₀ (rat)	2.18	mg/L (4 h)

Zinc distearate (CAS: 557-05-1):

Oral:	LD ₅₀ (rat)	10	g/kg
Dermal:	LD ₅₀ (rabbit)	>2000	mg/kg

Tris(dipentylldithiocarbamate-S,S')antimony (CAS: 15890-25-2):

Oral:	LD ₅₀ (rat)	>16 400	mg/kg
Dermal:	LD ₅₀ (rabbit)	>16 000	mg/kg

Distillates (petroleum), solvent-dewaxed heavy paraffinic (CAS: 64742-65-0):

Oral:	LD ₅₀ (rat)	> 15000	mg/kg
Dermal:	LD ₅₀ (rabbit)	> 5000	mg/kg
Inhalation:	LC ₅₀ (rat)	> 2400	mg/m ³ (4 h)

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.
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.

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Aspiration hazard: Based on available data, the classification criteria are not met.

11.2 Information on other hazards

No data available.

Section 12 Ecological information

12.1 Toxicity No data for the product.

Components:

Residual oils (petroleum), solvent-dewaxed (CAS: 64742-62-7):

Fish (<i>Oncorhynchus mykiss</i>):	LC ₅₀	>5000 mg/L	96 h
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Daphnia:	EC ₅₀	>1000 mg/L	48 h
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12.2 Persistence and degradability No data available.

Biodegradability: No data available.

12.3 Bioaccumulative potential No data available.

12.4 Mobility in soil No data available.

Mobility in water: Floats on water. Does not form continuous layer.

12.5 Results of PBT and vPvB assessment Not required.

12.6 Endocrine disrupting properties No data available.

12.7 Other adverse effects

Heavy metal content: None.

PCT, PCB and other chlorinated

hydrocarbons:

Environmental effects:

Water hazard class (German): No data available.)

Section 13 Disposal considerations

13.1 Waste treatment methods

Product disposal:

Wastes of the product or used oil should be treated as hazardous waste.

Waste Identification Code: 12 01 12*

Spent waxes and fats.

Recommended waste treatment method: incineration

Disposal must be in compliance with national and local regulations.

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Packaging disposal:

Containers with product residue should also be treated as hazardous waste according to national and local disposal regulations.

Waste Identification Code: 15 01 10*

Packaging containing residues of or contaminated by dangerous substances.

Disposal must be in compliance with national and local regulations.

Wastewater:

Quality of wastewater emitted to natural water must comply with national and local regulations.

Care should be taken in any case to ensure compliance with EC, national and local regulations. It is the responsibility of the user to know all relevant national and local regulations.

Section 14 Transport information

Land transport:

Road/ Railway

ADR/RID:

Not classified.

14.1. UN number or ID number:

Not classified.

14.2. UN proper shipping name:

Not classified.

14.3. Transport hazard class(es):

Not classified.

14.4. Packing group:

Not classified.

14.5. Environmental hazards:

Not classified.

14.6. Special precautions for user:

Not classified.

Waterways:

Inland waterways/ Sea transport

ADN/IMDG:

Not apply to the product.

Air transport:

ICAO / IATA:

Not apply to the product.

Section 15 Regulatory information

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

This safety data sheet has been prepared according to Regulation (EC) No 1907/2006 (mod.: 2020/878/EU) and to Regulation (EC) 1272/2008.

Seveso category: not classified.

15.2 Chemical safety assessment.

not available

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Section 16 Other information

The information given in this data sheet is based on our best knowledge at the time of publication. The information is related only to this product and is intended to assist its safe transport, handling and use. The given physical and chemical parameters describe the product only for the purpose of safety requirements and therefore should not be construed as guaranteeing any specific property of the product or as being part of a product specification or any contract.

The manufacturer or supplier shall not take responsibility for any damages from the use other than recommended or other misuse of the product. It is the responsibility of the user to keep regulatory precautions and observe recommendations for safe use of the product.

Classification for mixtures and used evaluation method according to regulation (EC) 1272/2008 (CLP)

Not classified.

The full text of each relevant H- phrase and Hazard classes and cat. in Section 3.:

H302	Harmful if swallowed.
H332	Harmful if inhaled.
H411	Toxic to aquatic life with long lasting effects.
Acute Tox. 4	Acute toxicity Category 4
Aquatic Chronic 2	Hazardous to the aquatic environment, Chronic Category 2

Legend:

ADN	European Agreement concerning the International Carriage of Dangerous Goods by Inland Waterways
ADR	European Agreement concerning the International Carriage of Dangerous Goods by Road
ATE	Acute Toxicity Estimate
BCF	Bioconcentration Factor
BOD	Biological Oxygen Demand
Bw	Body Weight
C&L	Classification and Labelling
CAS	Chemical Abstracts Service
CLP	Classification, Labelling and Packaging
CMR	Carcinogenic, Mutagenic or toxic to Reproduction
COD	Chemical Oxygen Demand
CSA	Chemical Safety Assessment

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CSR	Chemical Safety Report
DMEL	Derived Minimal Effect Level
DNEL	Derived No Effect Level
ECHA	European Chemicals Agency
Ec _x	Effective Concentration x %
Ed _x	Effective Dose x %
ELINCS	European List of Notified Chemical Substances
ErC ₅₀	EC ₅₀ in terms of reduction of growth rate;
ES	Exposure Scenario
IARC	International Agency for Research on Cancer
IATA	International Air Transport Association
IMDG	International Maritime Dangerous Goods
LC _x	Lethal Concentration x %
LD _x	Lethal Dose x %
LOAEC	Lowest Observed Adverse Effect Concentration
LOAEL	Lowest Observed Adverse Effect Level
LOEC	Lowest Observed Effect Concentration
LOEL	Lowest Observed Effect Level
NOEC	No observed effect concentration
NOEL	No observed effect level
NLP	No-Longer Polymer
NOAEL	No Observed Adverse Effect Level
OECD	Organisation for Economic Cooperation and Development
PBT	Persistent Bioaccumulative and Toxic
PNEC	Predicted No-Effect Concentration
REACH	Registration, Evaluation, Authorisation and Restriction of Chemicals
RID	Regulations concerning the International Carriage of Dangerous Goods by Rail
SVHC	Substance of Very High Concern
UVCB	substance of unknown or variable composition, complex reaction products or biological materials
VOC	Volatile organic compounds
vPvB	Very Persistent and very Bio-accumulative

Revision Indicators:

Section	Subject of change	Date	Version
3 9 11 1-16	Composition/information on ingredients Physical and chemical properties Toxicological information Revision modification according to 453/2010/EC and 1272/2008/EC	23. 01. 2014	2
1-16	Revision modification according to 2020/878/EU Full revision due to composition change	15. 09. 2022	3