



## Safety Data Sheet

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LOCTITE LB 8150 SV A/S known as Silver Anti-Seize Lubricant

SDS No. : 153549

V002.2

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### Section 1. Identification of the substance/preparation and of the company/undertaking

**Product name:** LOCTITE LB 8150 SV A/S known as Silver Anti-Seize Lubricant

**Other means of identification:** LOCTITE LB 8150 BO8OZEN/SP

**Product code:** IDH501000

**Recommended use of the chemical and restrictions on use**

**Intended use:** Antiseize

**Identification of manufacturer, importer or distributor**

**Importer:** Henkel Malaysia Sdn Bhd 46th Floor, Menara TM, Jalan Pantai Baharu, 59200 Kuala Lumpur, Malaysia. Phone :+ 603 22461000 Fax : + 60322461188

**E-mail address of person responsible for Safety Data Sheet:** ap-ua-psra.sea@henkel.com

**Emergency information:** FOR EMERGENCIES ONLY (Spill, major leak, Fire, Exposure, or Accident). Call CHEMTREC: +1 703-741-5970

### Section 2. Hazards identification

**GHS Classification:**

<u>Hazard Class</u>	<u>Hazard Category</u>
Skin corrosion/irritation	Category 2
Serious eye damage/eye irritation	Category 1
Aspiration hazard	Category 1

**GHS label elements:**

**Hazard pictogram:**



**Signal word:**

Danger

**Hazard statement:** H304 May be fatal if swallowed and enters airways.  
H315 Causes skin irritation.  
H318 Causes serious eye damage.

**Precaution:**

**Prevention:** P264 Wash hands thoroughly after handling.  
P272 Contaminated work clothing should not be allowed out of the workplace.  
P280 Wear eye protection/face protection.  
P280 Wear protective gloves.

**Response:** P301+P310 IF SWALLOWED: Immediately call a POISON CENTER/doctor.  
P302+P352 IF ON SKIN: Wash with plenty of water.  
P305+P351+P338 IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.  
P331 Do NOT induce vomiting.  
P333+P313 If skin irritation or rash occurs: Get medical attention.  
P362+P364 Take off contaminated clothing and wash it before reuse.

**Disposal:** P501 Dispose of contents/container to an appropriate treatment and disposal facility in accordance with applicable laws and regulations, and product characteristics at time of disposal.

**Section 3. Composition / information on ingredients****Substance or Mixture:**

Mixture

**Declaration of hazardous chemical:**

Hazard component CAS-No.	Content	GHS Classification
Distillates (petroleum), hydrotreated heavy naphthenic, < 3% DMSO 64742-52-5	30- 60 %	
Graphite 7782-42-5	10- 30 %	
Calcium oxide 1305-78-8	10- 30 %	Skin corrosion/irritation 2 H315 Serious eye damage/eye irritation 1 H318 Specific target organ toxicity - single exposure 3 H335
Mineral oil light naphthenic hydrotreat. <3% DMSO 64742-53-6	10- 30 %	Aspiration hazard 1 H304
Distillates (petroleum), straight-run middle 64741-44-2	1- 10 %	Aspiration hazard 1; Oral H304

**Section 4. First aid measures**

**Inhalation:** Move to fresh air. If symptoms persist, seek medical advice.

**Skin contact:** Rinse with running water and soap.  
Seek medical advice.

<b>Eye contact:</b>	Rinse immediately with plenty of running water (for 10 minutes). Seek medical attention if necessary.
<b>Ingestion:</b>	Rinse out mouth, drink 1-2 glasses of water, do not induce vomiting. Seek medical advice.
<b>Indication of immediate medical attention and special treatment needed:</b>	See section: Description of first aid measures

### Section 5. Fire fighting measures

<b>Suitable extinguishing media:</b>	Carbon dioxide, foam, powder
<b>Special protection equipment and precautions for firefighters:</b>	Wear self-contained breathing apparatus and full protective clothing, such as turn-out gear.
<b>Hazardous combustion products:</b>	Oxides of carbon.
<b>Additional fire fighting advice:</b>	In case of fire, keep containers cool with water spray.

### Section 6. Accidental release measures

<b>Personal precautions:</b>	Avoid skin and eye contact. Ensure adequate ventilation.
<b>Environmental precautions:</b>	Do not let product enter drains.
<b>Clean-up methods:</b>	For small spills wipe up with paper towel and place in container for disposal. For large spills absorb onto inert absorbent material and place in sealed container for disposal.

### Section 7. Handling and storage

<b>Handling:</b>	Use only in well-ventilated areas. Avoid skin and eye contact.
<b>Storage:</b>	Store in a cool, well-ventilated place. Keep away from heat and direct sunlight.

**Section 8. Exposure controls / personal protection**

**Components with specific control parameters for workplace:**

Distillates (petroleum), hydrotreated heavy naphthenic, < 3% DMSO 64742-52-5	<b>Value type</b>	Time Weighted Average (TWA):
	<b>mg/m<sup>3</sup></b>	5
OIL MIST, MINERAL 64742-52-5	<b>Value type</b>	Time Weighted Average (TWA):
	<b>mg/m<sup>3</sup></b>	5
	<b>Remarks</b>	MY OEL
Distillates (petroleum), hydrotreated heavy naphthenic, < 3% DMSO 64742-52-5	<b>Value type</b>	Short Term Exposure Limit (STEL):
	<b>mg/m<sup>3</sup></b>	10
MINERAL OIL, EXCLUDING METAL WORKING FLUIDS, PURE, HIGHLY AND SEVERELY REFINED, INHALABLE FRACTION 64742-52-5	<b>Value type</b>	Time Weighted Average (TWA):
	<b>mg/m<sup>3</sup></b>	5
	<b>Remarks</b>	ACGIH
GRAPHITE (ALL FORMS EXCEPT GRAPHITE FIBERS), RESPIRABLE FRACTION 7782-42-5	<b>Value type</b>	Time Weighted Average (TWA):
	<b>mg/m<sup>3</sup></b>	2
	<b>Remarks</b>	ACGIH
GRAPHITE (ALL FORMS EXCEPT GRAPHITE FIBRES), RESPIRABLE FRACTION 7782-42-5	<b>Value type</b>	Time Weighted Average (TWA):
	<b>mg/m<sup>3</sup></b>	2
	<b>Remarks</b>	MY OEL
CALCIUM OXIDE 1305-78-8	<b>Value type</b>	Time Weighted Average (TWA):
	<b>mg/m<sup>3</sup></b>	2
	<b>Remarks</b>	ACGIH
CALCIUM OXIDE 1305-78-8	<b>Value type</b>	Time Weighted Average (TWA):
	<b>mg/m<sup>3</sup></b>	2
	<b>Remarks</b>	MY OEL
OIL MIST, MINERAL 64742-53-6	<b>Value type</b>	Time Weighted Average (TWA):
	<b>mg/m<sup>3</sup></b>	5
	<b>Remarks</b>	MY OEL
MINERAL OIL, EXCLUDING METAL WORKING FLUIDS, PURE, HIGHLY AND SEVERELY REFINED, INHALABLE FRACTION 64742-53-6	<b>Value type</b>	Time Weighted Average (TWA):
	<b>mg/m<sup>3</sup></b>	5
	<b>Remarks</b>	ACGIH

**Respiratory protection:**

Use only in well-ventilated areas.  
An approved mask or respirator fitted with an organic vapour cartridge should be worn if the product is used in a poorly ventilated area  
Filter type: A (EN 14387)

**Hand protection:**

Chemical-resistant protective gloves (EN 374).  
Suitable materials for short-term contact or splashes (recommended: at least protection index 2, corresponding to > 30 minutes permeation time as per EN 374):  
nitrile rubber (NBR; >= 0.4 mm thickness)  
Suitable materials for longer, direct contact (recommended: protection index 6, corresponding to > 480 minutes permeation time as per EN 374):  
nitrile rubber (NBR; >= 0.4 mm thickness)  
This information is based on literature references and on information provided by glove

manufacturers, or is derived by analogy with similar substances. Please note that in practice the working life of chemical-resistant protective gloves may be considerably shorter than the permeation time determined in accordance with EN 374 as a result of the many influencing factors (e.g. temperature). If signs of wear and tear are noticed then the gloves should be replaced.

<b>Eye protection:</b>	Wear protective glasses.
<b>Body protection:</b>	Wear suitable protective clothing.
<b>Engineering controls:</b>	Ensure good ventilation/extraction.
<b>Hygienic measures:</b>	Good industrial hygiene practices should be observed. Do not eat, drink or smoke while working. Wash hands before work breaks and after finishing work.

## Section 9. Physical and chemical properties

<b>Appearance:</b>	silver paste
<b>Odor:</b>	mild
<b>Odor threshold (CA):</b>	No data available.
<b>pH:</b>	Not applicable
<b>Melting point / freezing point:</b>	No data available.
<b>Specific gravity:</b>	1.25
<b>Boiling point:</b>	No data available.
<b>Flash point:</b>	> 93 °C (> 199.4 °F)
<b>Evaporation rate:</b>	No data available.
<b>Flammability (solid, gas):</b>	No data available.
<b>Lower explosive limit:</b>	No data available.
<b>Upper explosive limit:</b>	No data available.
<b>Vapor pressure:</b>	< 5 mm hg
<b>Vapor density:</b>	Heavier than air
<b>Density:</b>	1.25 g/cm <sup>3</sup>
<b>Solubility:</b>	No data available.
<b>Partition coefficient: n-octanol/water:</b>	No data available.
<b>Auto ignition:</b>	No data available.
<b>Decomposition temperature:</b>	No data available.
<b>Viscosity:</b>	No data available.
<b>VOC content:</b> (2010/75/EC)	< 3 %

## Section 10. Stability and reactivity

<b>Reactivity/Incompatible materials:</b>	Reacts with strong oxidants.
<b>Chemical stability:</b>	Stable under recommended storage conditions.
<b>Conditions to avoid:</b>	Stable
<b>Hazardous decomposition products:</b>	Irritating organic vapours. carbon oxides.

### Section 11. Toxicological information

Symptoms of Overexposure: EYE: Irritation, conjunctivitis.  
SKIN: Redness, inflammation.

#### Acute oral toxicity:

Distillates (petroleum), hydrotreated heavy naphthenic, < 3% DMSO 64742-52-5	Value type	LD50
	Value	> 5,000 mg/kg
	Species	rat
	Method	
Graphite 7782-42-5	Value type	LD50
	Value	> 2,000 mg/kg
	Species	rat
	Method	OECD Guideline 423 (Acute Oral toxicity)
Calcium oxide 1305-78-8	Value type	LD50
	Value	> 2,000 mg/kg
	Species	rat
	Method	OECD Guideline 425 (Acute Oral Toxicity: Up-and-Down Procedure)
Mineral oil light naphthenic hydrotreat. <3% DMSO 64742-53-6	Value type	LD50
	Value	> 5,000 mg/kg
	Species	rat
	Method	Not specified

#### Acute dermal toxicity:

Mineral oil light naphthenic hydrotreat. <3% DMSO 64742-53-6	Value type	LD50
	Value	> 2,000 mg/kg
	Species	rabbit
	Method	Not specified

### Section 12. Ecological information

**Ecotoxicity:** Do not empty into drains / surface water / ground water.

#### Toxicity:

Distillates (petroleum), hydrotreated heavy naphthenic, < 3% DMSO 64742-52-5	Value type	LC50
	Value	> 1,000 mg/l
	Acute Toxicity Study	Fish
	Exposure time	96 h
	Species	Oncorhynchus mykiss
	Method	OECD Guideline 203 (Fish, Acute Toxicity Test)
Distillates (petroleum), hydrotreated heavy naphthenic, < 3% DMSO 64742-52-5	Value type	EC50
	Value	> 1,000 mg/l
	Acute Toxicity Study	Daphnia
	Exposure time	48 h
	Species	Daphnia magna
	Method	OECD Guideline 202 (Daphnia sp. Acute Immobilisation Test)
Graphite 7782-42-5	Value type	LC50
	Value	> 10,000 mg/l
	Acute Toxicity Study	Fish
	Exposure time	96 h
	Species	Brachydanio rerio (new name: Danio rerio)
	Method	OECD Guideline 203 (Fish, Acute Toxicity Test)
Graphite 7782-42-5	Value type	EC50
	Value	> 5,600 mg/l
	Acute Toxicity Study	Daphnia
	Exposure time	24 h
	Species	Daphnia magna
	Method	OECD Guideline 202 (Daphnia sp. Acute Immobilisation Test)
Calcium oxide 1305-78-8	Value type	LC50
	Value	1,070 mg/l

	Acute Toxicity Study	Fish
	Exposure time	96 h
	Species	Cyprinus carpio
	Method	OECD Guideline 203 (Fish, Acute Toxicity Test)
Mineral oil light naphthenic hydrotreat. <3% DMSO 64742-53-6	Value type	LL50
	Value	> 100 mg/l
	Acute Toxicity Study	Fish
	Exposure time	96 h
Mineral oil light naphthenic hydrotreat. <3% DMSO 64742-53-6	Species	Pimephales promelas
	Method	OECD Guideline 203 (Fish, Acute Toxicity Test)
	Value type	EC50
	Value	> 1,000 mg/l
	Acute Toxicity Study	Daphnia
	Exposure time	48 h
	Species	Daphnia magna
	Method	Not specified

**Persistence and degradability:**

Distillates (petroleum), hydrotreated heavy naphthenic, < 3% DMSO 64742-52-5	Result	
	Route of application	aerobic
	Degradability	6 %
	Method	OECD Guideline 301 B (Ready Biodegradability: CO2 Evolution Test)

**Section 13. Disposal considerations**

**Product**

**Method of disposal:** Dispose of in accordance with local and national regulations.

**Packaging**

**Disposal of uncleaned packages:** Disposal must be made according to official regulations. After use, tubes, cartons and bottles containing residual product should be disposed of as chemically contaminated waste in an authorised legal land fill site or incinerated.

**Section 14. Transport information**

**General information:**

Not hazardous according to RID, ADR, ADN, IMDG, IATA-DGR.

### Section 15. Regulatory information

**Regulatory Information:** Occupational Safety and Health (Classification, Labelling and Safety Data Sheet of Hazardous Chemicals) Regulations 2013 [P.U.(A) 310/213]  
Industry Code of Practice on Chemicals Classification and Hazard Communication

**Global inventory status:**

Regulatory list	Notification
EINECS	yes
TSCA	yes
AICS	yes
DSL	yes
ENCS (JP)	yes
KECI (KR)	yes
PICCS (PH)	yes
IECSC	yes
ISHL (JP)	yes
NZIOC	yes

### Section 16. Other information

**Disclaimer:**

This information is based on our current level of knowledge and relates to the product in the state in which it is delivered. It is intended to describe our products from the point of view of safety requirements and is not intended to guarantee any particular properties.