



## Safety Data Sheet

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LOCTITE LB 8150 SILVER GRADE ANTI-SEIZE known as  
Loctite 767 Silver Anti-Sz 500g

SDS No. : 153549  
V001.2  
Date of issue: 13.02.2018

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

**Product name:** LOCTITE LB 8150 SILVER GRADE ANTI-SEIZE known as Loctite 767 Silver Anti-Sz 500g

**Intended use:** Lubricant

**Supplier:**  
Henkel Australia Pty Ltd  
135-141 Canterbury Road  
Kilsyth, Victoria, 3137  
Australia

Phone: +61 (3) 9724 6444

**Emergency information:** 24 HOUR EMERGENCY CONTACT NUMBER: 1800 032 379

### Section 2. Hazards identification

#### Classification of the substance or mixture

Hazardous according to the criteria of Safe Work Australia.

#### GHS Classification:

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

#### Hazard pictogram:



#### Signal word:

Danger

<b>Hazard statement(s):</b>	H315 Causes skin irritation. H318 Causes serious eye damage.
<b>Precautionary Statement(s):</b>	
<b>Prevention:</b>	P264 Wash hands thoroughly after handling. P280 Wear protective gloves, eye protection, and face protection.
<b>Response:</b>	P301+P310 IF SWALLOWED: Immediately call a POISON CENTER/doctor. P302+P352 IF ON SKIN: Wash with plenty of water. P305+P351+P338+P315 IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. Get immediate medical advice/attention. P331 Do NOT induce vomiting. P332+P313 If skin irritation occurs: Get medical advice/attention. P362 Take off contaminated clothing.
<b>Storage:</b>	P405 Store locked up.
<b>Disposal:</b>	P501 Dispose of contents/container to an appropriate treatment and disposal facility in accordance with applicable laws and regulations.

**Dangerous Goods information:**

Not classified as Dangerous Goods according to the criteria of the Australian Code for the Transport of Dangerous Goods by Road and Rail (ADG Code).

**Section 3. Composition / information on ingredients**

**General chemical description:** Mixture

**Identity of ingredients:**

Chemical ingredients	CAS-No.	Proportion
Distillates (petroleum), hydrotreated heavy naphthenic <3%DMSO	64742-52-5	30- < 40 %
Calcium oxide	1305-78-8	10- < 20 %
Distillates (petroleum), hydrotreated light naphthenic < 3% DMSO	64742-53-6	10- < 20 %
Aluminum not powder, dust or fume	7429-90-5	1- <= 10 %
Distillates (petroleum), straight-run middle non hazardous ingredients~	64741-44-2	1- <= 10 %
		30- <= 60 %

**Section 4. First aid measures**

<b>Ingestion:</b>	Rinse mouth, do not induce vomiting, consult a doctor.
<b>Skin:</b>	Rinse with running water and soap. Apply replenishing cream. Change all contaminated clothing.
<b>Eyes:</b>	Rinse immediately with plenty of running water (for 10 minutes). Seek medical attention if necessary.
<b>Inhalation:</b>	Move to fresh air.

**First Aid facilities:** Eye wash  
Normal washroom facilities

**Section 5. Fire fighting measures**

**Suitable extinguishing media:** Foam, extinguishing powder, carbon dioxide.

**Decomposition products in case of fire::** carbon oxides.  
Irritating organic vapours.

**Special protective equipment for fire-fighters:** Wear protective equipment.  
Wear self-contained breathing apparatus.

**Section 6. Accidental release measures**

**Personal precautions:** Danger of slipping on spilled product.  
Wear impervious gloves and chemical splash goggles.

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

**Clean-up methods:** Soak up with inert absorbent.  
Dispose of contaminated material as waste according to Section 13.

**Section 7. Handling and storage**

**Precautions for safe handling:** Ensure that workrooms are adequately ventilated.

**Conditions for safe storage:** Keep container tightly sealed.  
Store in a cool, dry place.

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

**National exposure standards:**

Ingredient [Regulated substance]	form of exposure	TWA (ppm)	TWA (mg/m3)	Peak Limit. (ppm)	Peak Limit. (mg/m3)	STEL (ppm)	STEL (mg/m3)
OIL MIST, REFINED MINERAL 64742-52-5	Mist.		5	-	-	-	-
CALCIUM OXIDE 1305-78-8			2	-	-	-	-
OIL MIST, REFINED MINERAL 64742-53-6	Mist.		5	-	-	-	-

**Engineering controls:** Ensure good ventilation/extraction.

**Eye protection:** Wear chemical goggles.

**Skin protection:** Use of protective coveralls and long sleeves is recommended.  
Protective gloves made of rubber.

**Respiratory protection:** If inhalation risk exists, wear a respirator or air supplied mask complying with the requirements of AS/NZS 1715 and AS/NZS 1716.

**Section 9. Physical and chemical properties**

**Appearance:** silver  
pastesilver  
paste  
**Odor:** mildno valuation  
**Specific gravity:** 1.25  
**Flash point:** > 93 °C (> 199.4 °F)  
**Density:** 1.25 g/cm3  
**Solubility in water:** Insoluble

**Section 10. Stability and reactivity**

**Stability:** Stable under normal conditions of temperature and pressure.  
**Incompatible materials:** Strong oxidizing agents.  
Keep away from alkalis.  
Alcohols.  
**Hazardous decomposition products:** Irritating and toxic gases or fumes may be released during a fire.  
Oxides of carbon.

**Section 11. Toxicological information**

**Health Effects:**  
**Ingestion:** Ingestion may cause gastrointestinal irritation, nausea, vomiting and diarrhea.  
**Skin:** This product is irritating to the skin.  
**Eyes:** Contact with this product may cause severe eye damage.  
**Inhalation:** Inhalation of vapors or mists of the product may be irritating to the respiratory system.

**Acute toxicity:**

Hazardous components CAS-No.	Value type	Value	Route of application	Exposure time	Species	Method
Distillates (petroleum), hydrotreated heavy naphthenic <3%DMSO 64742-52-5	LD50	> 5,000 mg/kg	oral	4 h	rat rat rabbit	OECD Guideline 401 (Acute Oral Toxicity)
	LC50	> 5.53 mg/l	inhalation			OECD Guideline 403 (Acute Inhalation Toxicity)
	LD50	> 5,000 mg/kg	dermal			OECD Guideline 402 (Acute Dermal Toxicity)
Calcium oxide 1305-78-8	LD50	> 2,000 mg/kg	oral	4 h	rat rabbit	OECD Guideline 425 (Acute Oral Toxicity: Up-and-Down Procedure)
	LD50	> 2,500 mg/kg	dermal			OECD Guideline 402 (Acute Dermal Toxicity)
Distillates (petroleum), hydrotreated light naphthenic <3% DMSO 64742-53-6	LD50	> 5,000 mg/kg	oral	4 h	rat rat rabbit	not specified
	LC50	> 5.53 mg/l	inhalation			OECD Guideline 403 (Acute Inhalation Toxicity)
	LD50	> 5,000 mg/kg	dermal			not specified

**Serious eye damage/irritation:**

Hazardous components CAS-No.	Result	Exposure time	Species	Method
Calcium oxide 1305-78-8	Category 1 (irreversible effects on the eye)		rabbit	OECD Guideline 405 (Acute Eye Irritation/ Corrosion)

**Germ cell mutagenicity:**

Hazardous components CAS-No.	Result	Type of study/ Route of administration	Metabolic activation/ Exposure time	Species	Method
Calcium oxide 1305-78-8	negative negative	bacterial reverse mutation assay (e.g Ames test) mitotic recombination in Sacch. cerevisiae	with and without with and without		EPA OPPTS 870.5265 (The Salmonella typhimurium Bacterial Reverse Mutation Test) OECD Guideline 481 (Genetic Toxicology: Saccharomyces cerevisiae, Mitotic Recombination Assay)
Distillates (petroleum), hydrotreated light naphthenic < 3% DMSO 64742-53-6	negative	in vitro mammalian chromosome aberration test	with and without		OECD Guideline 473 (In vitro Mammalian Chromosome Aberration Test)

**Section 12. Ecological information**

**General ecological information:** Do not empty into drains / surface water / ground water.

**Toxicity:**

Hazardous components CAS-No.	Value type	Value	Acute Toxicity Study	Exposure time	Species	Method
Distillates (petroleum), hydrotreated heavy naphthenic <3%DMSO 64742-52-5	LC50	> 1,000 mg/l	Fish	96 h	Oncorhynchus mykiss	OECD Guideline 203 (Fish, Acute Toxicity Test)
Distillates (petroleum), hydrotreated heavy naphthenic <3%DMSO 64742-52-5	EC50	> 1,000 mg/l	Daphnia	48 h	Daphnia magna	OECD Guideline 202 (Daphnia sp. Acute Immobilisation Test)
Distillates (petroleum), hydrotreated heavy naphthenic <3%DMSO 64742-52-5	NOELR	100 mg/l	Algae	72 h	Pseudokirchneriella subcapitata	OECD Guideline 201 (Alga, Growth Inhibition Test)
Calcium oxide 1305-78-8	LC50	50.6 mg/l	Fish	96 h	Oncorhynchus mykiss	OECD Guideline 203 (Fish, Acute Toxicity Test)
Calcium oxide 1305-78-8	EC50	49.1 mg/l	Daphnia	48 h	Daphnia magna	OECD Guideline 202 (Daphnia sp. Acute Immobilisation Test)
Calcium oxide 1305-78-8	EC50	184.57 mg/l	Algae	72 h	Pseudokirchneriella subcapitata	OECD Guideline 201 (Alga, Growth Inhibition Test)
Calcium oxide 1305-78-8	NOEC	48 mg/l	Algae	72 h	Pseudokirchneriella subcapitata	OECD Guideline 201 (Alga, Growth Inhibition Test)
Calcium oxide 1305-78-8	EC20	229.2 mg/l	Bacteria	3 h	activated sludge of a predominantly domestic sewage	OECD Guideline 209 (Activated Sludge, Respiration Inhibition Test)
Distillates (petroleum), hydrotreated light naphthenic < 3% DMSO 64742-53-6	LL50	> 100 mg/l	Fish	96 h	Pimephales promelas	OECD Guideline 203 (Fish, Acute Toxicity Test)
Distillates (petroleum), hydrotreated light naphthenic < 3% DMSO 64742-53-6	EC50	> 1,000 mg/l	Daphnia	48 h	Daphnia magna	not specified
Aluminum not powder, dust or fume 7429-90-5	NOEC	> 100 mg/l	Fish	96 h	Salmo trutta	OECD Guideline 203 (Fish, Acute Toxicity Test)

**Persistence and degradability:**

Hazardous components CAS-No.	Result	Route of application	Degradability	Method
Distillates (petroleum), hydrotreated heavy naphthenic <3%DMSO 64742-52-5		aerobic	6 %	OECD Guideline 301 B (Ready Biodegradability: CO2 Evolution Test)

**Section 13. Disposal considerations**

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

**Recommended cleanser:** Solvent naphtha

**Disposal for uncleaned package:** Collection and delivery to recycling enterprise or other registered elimination institution.

#### Section 14. Transport information

**Road and Rail Transport:**

Dangerous Goods information: Not classified as Dangerous Goods according to the criteria of the Australian Code for the Transport of Dangerous Goods by Road and Rail (ADG Code).

**Marine transport IMDG:**

Not dangerous goods

**Air transport IATA:**

UN no.:	1910
Proper shipping name:	Calcium oxide
Class or division:	8
Packing group:	III
Packing instructions (passenger)	860
Packing instructions (cargo)	864

#### Section 15. Regulatory information

**SUSMP Poisons Schedule** None

**AICS:** All components are listed or are exempt from listing on the Australian Inventory of Chemical Substances (AICS).

#### Section 16. Other information

**Abbreviations/acronyms:** ADGC - Australian Dangerous Goods Code  
IATA-DGR: International Air Transport Association – Dangerous Goods Regulations  
IMDG: International Maritime Dangerous Goods code

**Reason for issue:** First issue. involved chapters: 1-16

**Disclaimer:**

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