



## Safety Data Sheet

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Loctite LB 8060 ST20 known as Loctite Silver Grade Anti-Seize

SDS No. : 153551

V001.4

Date of issue: 30.03.2020

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

**Product name:** Loctite LB 8060 ST20 known as Loctite Silver Grade Anti-Seize

**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:**

**Hazard Class**

Skin irritation

Serious eye damage/eye irritation

**Hazard Category**

Category 2

Category 1

**Hazard pictogram:**



**Signal word:**

Danger

**Hazard statement(s):**

H315 Causes skin irritation.

H318 Causes serious eye damage.

**Precautionary Statement(s):**

**Prevention:**

P264 Wash hands thoroughly after handling.

P280 Wear protective gloves, eye protection, and face protection.

**Response:**

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.

P332+P313 If skin irritation occurs: Get medical advice/attention.

P362 Take off contaminated clothing.

**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
Calcium oxide	1305-78-8	10- < 30 %
non hazardous ingredients~		60- <= 100 %

### Section 4. First aid measures

**Ingestion:** Do not induce vomiting.  
Seek medical advice.  
Have victim rinse mouth thoroughly with water.

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

**Eyes:** Rinse immediately with plenty of running water (for 10 minutes). Seek medical attention if necessary.

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

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

**Medical attention and special treatment:** Treat symptomatically.

### Section 5. Fire fighting measures

**Suitable extinguishing media:** Carbon dioxide, foam, powder  
Use media appropriate for surrounding material.

**Improper extinguishing media:** None known

**Decomposition products in case of fire:** Thermal decomposition can lead to release of irritating gases and vapors.  
Oxides of carbon, oxides of nitrogen, irritating organic vapors.  
Sulphur oxides

**Special protective equipment for fire-fighters:** Wear self-contained breathing apparatus and full protective clothing, such as turn-out gear.

### Section 6. Accidental release measures

**Personal precautions:** Avoid skin and eye contact.  
See advice in section 8

**Environmental precautions:** Do not let product enter drains.

**Clean-up methods:**

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

**Precautions for safe handling:**

Use only in well-ventilated areas.  
Avoid skin and eye contact.  
Wear suitable protective clothing, gloves and eye/face protection.  
See advice in section 8

**Conditions for safe storage:**

Store in original containers at 8-21°C (46.4-69.8°F) and do not return residual materials to containers as contamination may reduce the shelf life of the bulk product.

### Section 8. Exposure controls / personal protection

**National exposure standards:**

**Engineering controls:**

Ensure good ventilation/suction at the workplace.

**Eye protection:**

Wear protective glasses.

**Skin protection:**

Wear suitable protective clothing.  
Nitrile rubber gloves should be worn.  
Please note that in practice the working life of chemical resistant gloves may be considerably reduced as a result of many influencing factors (e.g. temperature). Suitable risk assessment should be carried out by the end user. If signs of wear and tear are noticed then the gloves should be replaced.

**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

**Odor:**

Solid  
Mild

**Flash point:**

Product is a solid. Burn Rate: Approx 12 mm/2 minutes

**Density:**

1.10 g/cm<sup>3</sup>

### Section 10. Stability and reactivity

**Stability:**

Stable under recommended storage conditions.

**Conditions to avoid:**

Avoid excessive heat and ignition sources.

<b>Incompatible materials:</b>	Reaction with strong acids. Reacts with strong oxidants.
<b>Hazardous decomposition products:</b>	Thermal decomposition can lead to release of irritating gases and vapors.  Oxides of carbon. Oxides of sulfur. Oxides of nitrogen.

## Section 11. Toxicological information

### Health Effects:

#### Ingestion:

Ingestion may cause gastrointestinal irritation, nausea, vomiting and diarrhea.

#### Skin:

Causes skin irritation.

Symptoms may include redness, edema, drying, defatting and cracking of the skin.

#### Eyes:

Contact with this product may cause severe eye damage.

Contact with the eyes may cause moderate to severe eye injury. Eye contact may result in corneal injury. Symptoms may include discomfort or pain, excess blinking and tear production, with marked redness and swelling of the conjunctiva.

#### Inhalation:

Not a hazard under normal conditions of use.

May cause respiratory tract irritation.

### Acute toxicity:

Hazardous components CAS-No.	Value type	Value	Route of application	Exposure time	Species	Method
Calcium oxide 1305-78-8	LD50 LC50 LD50	> 2,000 mg/kg > 6.04 mg/l > 2,500 mg/kg	oral inhalation dermal	4 h	rat rat rabbit	OECD Guideline 425 (Acute Oral Toxicity: Up-and-Down Procedure) OECD Guideline 436 (Acute Inhalation Toxicity: Acute Toxic Class (ATC) Method) OECD Guideline 402 (Acute Dermal Toxicity)

### 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)

### Respiratory or skin sensitization:

Hazardous components CAS-No.	Result	Test type	Species	Method
Calcium oxide 1305-78-8	not sensitising	Mouse local lymphnode assay (LLNA)	mouse	OECD Guideline 429 (Skin Sensitisation: Local Lymph Node Assay)

### 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	bacterial reverse mutation assay (e.g Ames test)	with and without		OECD Guideline 471 (Bacterial Reverse Mutation Assay)

**Repeated dose toxicity:**

Hazardous components CAS-No.	Result	Route of application	Exposure time / Frequency of treatment	Species	Method
Calcium oxide 1305-78-8	NOAEL=1,000 mg/kg	oral: gavage	up to 48 consecutive daysdaily	rat	OECD Guideline 422 (Combined Repeated Dose Toxicity Study with the Reproduction/ Developmental Toxicity Screening 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
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)

**Section 13. Disposal considerations**

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

**Disposal for uncleaned package:** 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****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  
IMDG: International Maritime Dangerous Goods code  
IATA-DGR: International Air Transport Association – Dangerous Goods Regulations

**Reason for issue:**

Reviewed SDS. Reissued with new date. involved chapters: 1,2,

**Date of previous issue:**

01.04.2015

**Disclaimer:**

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