



## Safety Data Sheet

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LOCTITE LB 8801 SIL. LUB. DIELECTRIC GREASE known as  
Loctite(R) Silicone Lubricant

SDS No. : 153678  
V001.5  
Date of issue: 25.08.2021

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

**Product name:** LOCTITE LB 8801 SIL. LUB. DIELECTRIC GREASE known as Loctite(R) Silicone Lubricant

**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**

Not hazardous according to the criteria of Safe Work Australia.

**GHS Classification:**

No classification required.

**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  
**Type of preparation:** Silicone Grease

**Identity of ingredients:**

Chemical ingredients	CAS-No.	Proportion
Silane, dichlorodimethyl-, reaction products with silica	68611-44-9	< 10 %
non hazardous ingredients~		60- <= 100 %

#### Section 4. First aid measures

<b>Ingestion:</b>	Do not induce vomiting. If symptoms develop and persist, get medical attention.
<b>Skin:</b>	Rinse with running water and soap. Obtain medical attention if irritation persists.
<b>Eyes:</b>	Immediately flush eyes with plenty of water for at least 15 minutes. If eye irritation persists, consult a specialist.
<b>Inhalation:</b>	Move to fresh air. If symptoms develop and persist, get medical attention.
<b>First Aid facilities:</b>	Eye wash Normal washroom facilities
<b>Medical attention and special treatment:</b>	Treat symptomatically and supportively.

#### Section 5. Fire fighting measures

<b>Suitable extinguishing media:</b>	Water spray (fog), foam, dry chemical or carbon dioxide.
<b>Decomposition products in case of fire:</b>	Irritating and toxic gases or fumes may be released during a fire. Upon decomposition, this product emits carbon monoxide, carbon dioxide and/or low molecular weight hydrocarbons.
<b>Particular danger in case of fire:</b>	This product is combustible at high temperatures.
<b>Special protective equipment for fire-fighters:</b>	Wear full protective clothing. Wear self-contained breathing apparatus.

#### Section 6. Accidental release measures

<b>Environmental precautions:</b>	Wear appropriate protective equipment and clothing during clean-up. Do not empty into drains / surface water / ground water.
<b>Clean-up methods:</b>	Absorb spill with inert material. Shovel material into appropriate container for disposal.

#### Section 7. Handling and storage

<b>Precautions for safe handling:</b>	Use only with adequate ventilation. Avoid eye contact.
<b>Conditions for safe storage:</b>	Store in original container until ready to use.

#### 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)
Nuisance dusts, inhalable dust 68611-44-9	Inhalable dust.		10				
Fumed silica (respirable dust) 68611-44-9	Respirable dust.		2				
Silica, Amorphous: Fumed silica (respirable dust) 68611-44-9	Respirable dust.		2				

**Engineering controls:** Provide local and general exhaust ventilation to effectively remove and prevent buildup of any vapors or mists generated from the handling of this product.

**Eye protection:** Safety glasses with side-shields.

**Skin protection:** Chemical resistant, impermeable gloves.

**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:** Opaque  
Liquid  
**Odor:** None  
**pH:** Not available.  
**Specific gravity:** 0.95  
**Flash point:** > 93 °C (> 199.4 °F)  
**Solubility in water:** Insoluble

**Section 10. Stability and reactivity**

**Stability:** Stable under normal conditions of temperature and pressure.

**Conditions to avoid:** Avoid excessive heat and ignition sources.

**Incompatible materials:** Oxidizing agents.  
Acids and bases.

**Hazardous decomposition products:** Upon decomposition, this product emits carbon monoxide, carbon dioxide and/or low molecular weight hydrocarbons.

**Hazardous polymerization:** Will not occur.

**Section 11. Toxicological information**

**Health Effects:****Ingestion:**

Not expected under normal conditions of use.

**Skin:**

May cause skin irritation.

**Eyes:**

May cause eye irritation.

**Inhalation:**

Inhalation of vapors or mists of the product may be irritating to the respiratory system.

**Aggravated med.  
condition:**

None known

**Acute toxicity:**

Hazardous components CAS-No.	Value type	Value	Route of application	Exposure time	Species	Method
Silane, dichlorodimethyl-, reaction products with silica 68611-44-9	LD50	> 5,000 mg/kg > 2,000 mg/kg	oral  dermal		rat rat	not specified not specified

**Skin corrosion/irritation:**

Hazardous components CAS-No.	Result	Exposure time	Species	Method
Silane, dichlorodimethyl-, reaction products with silica 68611-44-9	not irritating	4 h	rabbit	not specified

**Serious eye damage/irritation:**

Hazardous components CAS-No.	Result	Exposure time	Species	Method
Silane, dichlorodimethyl-, reaction products with silica 68611-44-9	not irritating		rabbit	not specified

**Respiratory or skin sensitization:**

Hazardous components CAS-No.	Result	Test type	Species	Method
Silane, dichlorodimethyl-, reaction products with silica 68611-44-9	not sensitising	Patch-Test	human	human repeat insult patch test

**Germ cell mutagenicity:**

Hazardous components CAS-No.	Result	Type of study/ Route of administration	Metabolic activation / Exposure time	Species	Method
Silane, dichlorodimethyl-, reaction products with silica 68611-44-9	negative negative	bacterial reverse mutation assay (e.g Ames test) in vitro mammalian chromosome aberration test	with and without with and without		Ames Test Chromosome Aberration Test

**Repeated dose toxicity:**

Hazardous components CAS-No.	Result	Route of application	Exposure time / Frequency of treatment	Species	Method
Silane, dichlorodimethyl-, reaction products with silica 68611-44-9	NOAEL=500 mg/kg	oral: feed	5-8 wdaily	rat	not specified

**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
Silane, dichlorodimethyl-, reaction products with silica 68611-44-9	LC50	> 10,000 mg/l	Fish	96 h	Brachydanio rerio (new name: Danio rerio)	OECD Guideline 203 (Fish, Acute Toxicity Test)
Silane, dichlorodimethyl-, reaction products with silica 68611-44-9	EC50	> 10,000 mg/l	Daphnia	24 h	Daphnia magna	OECD Guideline 202 (Daphnia sp. Acute Immobilisation Test)
Silane, dichlorodimethyl-, reaction products with silica 68611-44-9	EC50	> 10,000 mg/l	Algae			OECD Guideline 201 (Alga, Growth Inhibition Test)

**Persistence and degradability:**

Hazardous components CAS-No.	Result	Route of application	Degradability	Method
Silane, dichlorodimethyl-, reaction products with silica 68611-44-9	not readily biodegradable.	not specified	> 0 - < 60 %	OECD 301 A - F

**Section 13. Disposal considerations**

**Waste disposal of product:** Dispose of according to Federal, State and local governmental regulations.

**Recommended cleanser:** Clean the packaging with water.

**Disposal for uncleaned package:** Packaging that cannot be cleaned are to be disposed of in the same manner as the product.

**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:**

Not dangerous goods

**Section 15. Regulatory information****SUSMP Poisons Schedule** None**AIC:** All components are listed or are exempt from listing on the Australian Inventory of Chemical Substances (AICIS).

## Section 16. Other information

<b>Abbreviations/acronyms:</b>	ADGC - Australian Dangerous Goods Code IMDG: International Maritime Dangerous Goods code IATA-DGR: International Air Transport Association – Dangerous Goods Regulations AIIC - Australian Inventory of Industrial Chemicals (AIIC) AICIS - Australian Industrial Chemicals Introduction Scheme
<b>Reason for issue:</b>	Reviewed SDS. Reissued with new date. involved chapters: 1 - 16
<b>Date of previous issue:</b>	10.08.2016
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