



## Safety Data Sheet

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LOCTITE LB 8012 LOW FRICTION LUBRICANT known as  
Moly Paste

SDS No. : 153750  
V001.1  
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### SECTION 1 IDENTIFICATION OF THE MATERIAL AND SUPPLIER

**Product name:** LOCTITE LB 8012 LOW FRICTION LUBRICANT known as Moly Paste

**Intended use:** Lubricant

**Supplier:**  
Henkel New Zealand Ltd  
2 Allens Rd  
Auckland, 2013  
New Zealand  
Phone: +64 (9) 272-6710

**Emergency information:** 24 HOUR EMERGENCY CONTACT NUMBER 0800 243 622

### SECTION 2 HAZARDS IDENTIFICATION

**Classification of the substance or mixture**

Not classified as hazardous according to the criteria of the Hazardous Substances (Minimum Degrees of Hazard) Notice 2017  
Not Classified as Dangerous Goods according to NZS 5433: 2012 and the Land Transport Rule: Dangerous Goods 2005.

**GHS Classification:**

No classification required.

### SECTION 3 COMPOSITION/INFORMATION ON INGREDIENTS

**General chemical description:** Mixture  
**Type of preparation:** Lubricant

**Identity of ingredients:**

Chemical ingredients	CAS-No.	Proportion
Molybdenum disulphide	1317-33-5	60- < 80 %

### SECTION 4 FIRST AID MEASURES

<b>Ingestion:</b>	Do not induce vomiting. Never give anything by mouth to an unconscious person. Get medical attention.
<b>Skin:</b>	Remove contaminated clothing and footwear. Immediately flush skin with plenty of water (using soap, if available). If symptoms develop and persist, get medical attention. Wash clothing before reuse.
<b>Eyes:</b>	Rinse immediately with plenty of water, also under the eyelids, for at least 15 minutes. If eye irritation persists, consult a specialist.
<b>Inhalation:</b>	Move to fresh air. If breathing is difficult, give oxygen. If not breathing, give artificial respiration. Get medical attention.

## 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>	Oxides of carbon. Toxic and irritating vapors.
<b>Particular danger in case of fire:</b>	None
<b>Special protective equipment for fire-fighters:</b>	Wear self-contained breathing apparatus. In case of fire, keep containers cool with water spray.

## SECTION 6. ACCIDENTAL RELEASE MEASURES

<b>Environmental precautions:</b>	Do not allow material to contaminate ground water system.
<b>Clean-up methods:</b>	Refer to Section 8 "Exposure Controls / Personal Protection" prior to clean up. Scrape up as much material as possible. Clean residue with soap and water. Store in a partly filled, closed container until disposal.

## SECTION 7. HANDLING AND STORAGE

<b>Precautions for safe handling:</b>	Use only with adequate ventilation. Prevent contact with eyes, skin and clothing. Do not breathe vapor and mist. Wash thoroughly after handling. Keep container closed.
<b>Conditions for safe storage:</b>	Store in a cool, well-ventilated place. Keep away from heat and direct sunlight. Refer to Technical Data Sheet

**SECTION 8. EXPOSURE CONTROLS / PERSONAL PROTECTION****Workplace exposure standards:**

Ingredient [Regulated substance]	form of exposure	TWA (ppm)	TWA (mg/m <sup>3</sup> )	Ceiling	STEL (ppm)	STEL (mg/m <sup>3</sup> )
MOLYBDENUM, ASMO, INSOLUBLE COMPOUNDS 1317-33-5			10	-	-	-

**Biological Exposure Indices:**

None

**Engineering controls:**

Use only with adequate ventilation.  
Local exhaust ventilation is recommended when general ventilation is not sufficient to control airborne contamination below occupational exposure limits.

**Eye protection:**

Safety goggles or safety glasses with side shields.  
Safety showers and eye wash stations should be available.

**Skin protection:**

Chemical resistant, impermeable gloves.  
Use of Butyl or Nitrile Rubber gloves is recommended.

**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**

<b>Appearance:</b>	Gray Paste
<b>Odor:</b>	Mild, Petroleum
<b>Specific gravity:</b>	1.9614
<b>Flash point:</b>	160 °C (320 °F)
<b>Density:</b>	1.9614 g/cm <sup>3</sup>
<b>Solubility in water:</b>	Slight
<b>VOC content:</b>	5.08 % 102.3 g/l

**SECTION 10. STABILITY AND REACTIVITY**

<b>Stability:</b>	Stable under normal conditions of temperature and pressure.
<b>Conditions to avoid:</b>	Keep away from heat, ignition sources and incompatible materials.
<b>Incompatible materials:</b>	Oxidizing agents.
<b>Hazardous decomposition products:</b>	Oxides of carbon. Hydrocarbons.
<b>Hazardous polymerization:</b>	Will not occur.

**SECTION 11 TOXICOLOGICAL INFORMATION**

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

Principal hazard of ingestion is aspiration into the lungs and subsequent pneumonitis.

**Skin:**

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

**Eyes:**

Prolonged or repeated contact may cause irritation.

**Inhalation:**

Contact with eyes will cause irritation.

May cause respiratory tract irritation.

This product has low volatility and is not expected to cause respiratory tract irritation during normal conditions of use.

**Aggravated med.  
condition:**

Eye, skin, and respiratory disorders.

**Acute toxicity:**

Hazardous components CAS-No.	Value type	Value	Route of application	Exposure time	Species	Method
Molybdenum disulphide 1317-33-5	LD50	> 5,000 mg/kg	oral		rat	not specified
	LD50	> 16,000 mg/kg	dermal		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
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**SECTION 13. DISPOSAL CONSIDERATIONS****Waste disposal of product:**

Dispose of in accordance with local and national regulations.

**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****Dangerous Goods information:****Land Transport:** Not Classified as Dangerous Goods according to NZS5433: 2012 and the Land Transport Rule: Dangerous Goods 2005.**Marine transport IMDG:**

Not dangerous goods

**Air transport IATA:**

Not dangerous goods

**SECTION 15. REGULATORY INFORMATION****New Zealand regulatory information:**

Not classified as hazardous according to the criteria of the Hazardous Substances (Minimum Degrees of Hazard) Notice 2017

**HSNO Approval Number:** None

**NZIoC:** Compliant for NZIOC

## SECTION 16. OTHER INFORMATION

**Abbreviations/acronyms:** STEL - Short term exposure limit  
TWA - Time weighted average  
HSNO - Hazardous Substances and New Organisms  
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: 1-16

**Date of previous issue:** 25.05.2015

**Disclaimer:**

The percentage weight (% w/w) of ingredients is not to be taken as a specification guaranteed by Henkel New Zealand Limited, but only as an approximate guide to the content of hazardous ingredients in the material. The information contained herein does not constitute a guarantee by Henkel New Zealand Limited concerning the properties of the material.

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