

# Safety Data Sheet



Revision Number: 004.0

Issue date: 05/09/2023

## 1. PRODUCT AND COMPANY IDENTIFICATION

**Product name:** LOCTITE LB 8700 EXTREME PRESS  
RESISTANT LUB known as LOCTITE®  
Moly -50™ Metal-Free

**IDH number:** 234246

**Product type/use:** Lubricant

**Item number:** 51094

**Restriction of Use:** None identified

**Region:** United States

**Company address:**  
Henkel Corporation  
One Henkel Way  
Rocky Hill, Connecticut 06067

**Contact information:**  
Telephone: +1 (860) 571-5100  
MEDICAL EMERGENCY Phone: Poison Control Center  
1-877-671-4608 (toll free) or 1-303-592-1711  
TRANSPORT EMERGENCY Phone: CHEMTREC  
1-800-424-9300 (toll free) or 1-703-527-3887  
Internet: www.henkelna.com

## 2. HAZARDS IDENTIFICATION

### EMERGENCY OVERVIEW

NOT CLASSIFIED. READ ENTIRE SAFETY DATA SHEET.

HAZARD CLASS	HAZARD CATEGORY
None	None

### PICTOGRAM(S)

None

### Precautionary Statements

**Prevention:** Not prescribed  
**Response:** Not prescribed  
**Storage:** Not prescribed  
**Disposal:** Not prescribed

Classification complies with OSHA Hazard Communication Standard (29 CFR 1910.1200) and is consistent with the provisions of the United Nations Globally Harmonized System of Classification and Labeling of Chemicals (GHS).

See Section 11 for additional toxicological information.

## 3. COMPOSITION / INFORMATION ON INGREDIENTS

Hazardous Component(s)	CAS Number	Percentage*
Petrolatum	8009-03-8	30 - 60
Molybdenum disulphide	1317-33-5	30 - 60

\* Exact percentages may vary or are trade secret. Concentration range is provided to assist users in providing appropriate protections.

## 4. FIRST AID MEASURES

**Inhalation:** Move to fresh air. If breathing is difficult, give oxygen. If not breathing, give artificial respiration. If symptoms develop and persist, get medical attention.

**Skin contact:** Wash with soap and water. If hot material contacts the skin, immediately cool before attempting removal. If symptoms develop and persist, get medical attention.

**Eye contact:** Immediately flush eyes with plenty of water for at least 15 minutes. If eye irritation persists, consult a specialist.

IDH number: 234246

Product name: LOCTITE LB 8700 EXTREME PRESS RESISTANT LUB known as LOCTITE® Moly - 50™ Metal-Free

**Ingestion:** Do not induce vomiting. Never give anything by mouth to an unconscious person. Get medical attention.

**Symptoms:** See Section 11.

## 5. FIRE FIGHTING MEASURES

**Extinguishing media:** Water spray (fog), foam, dry chemical or carbon dioxide.

**Special firefighting procedures:** Water spray may be ineffective. Oil will float on water and can spread fire.

**Unusual fire or explosion hazards:** Closed containers may explode when exposed to extreme heat.

**Hazardous combustion products:** Oxides of carbon. Acrid smoke and fumes.

## 6. ACCIDENTAL RELEASE MEASURES

Use personal protection recommended in Section 8, isolate the hazard area and deny entry to unnecessary and unprotected personnel.

**Environmental precautions:** Prevent further leakage or spillage if safe to do so. Do not allow product to enter sewer or waterways.

**Clean-up methods:** Contaminated surfaces will be extremely slippery. Scrape up as much material as possible. Clean residue with soap and water.

## 7. HANDLING AND STORAGE

**Handling:** Prevent contact with eyes, skin and clothing. Do not breathe vapor and mist. Wash thoroughly after handling. Keep container closed.

**Storage:** Keep in a cool, well ventilated area.

## 8. EXPOSURE CONTROLS / PERSONAL PROTECTION

Employers should complete an assessment of all workplaces to determine the need for, and selection of, proper exposure controls and protective equipment for each task performed.

Hazardous Component(s)	ACGIH TLV	OSHA PEL	AIHA WEEL	OTHER
Petrolatum	5 mg/m <sup>3</sup> TWA Inhalable fraction.	5 mg/m <sup>3</sup> PEL Mist.	None	None
Molybdenum disulphide	10 mg/m <sup>3</sup> TWA (as Mo) Inhalable fraction. 3 mg/m <sup>3</sup> TWA (as Mo) Respirable fraction. 0.5 mg/m <sup>3</sup> TWA (as Mo) Respirable fraction.	15 mg/m <sup>3</sup> PEL (as Mo) Total dust. 5 mg/m <sup>3</sup> PEL (as Mo)	None	None

**Engineering controls:** Local exhaust ventilation is recommended when general ventilation is not sufficient to control airborne contamination below occupational exposure limits.

**Respiratory protection:** Use NIOSH approved respirator if there is potential to exceed exposure limit(s). Observe OSHA regulations for respirator use (29 CFR 1910.134).

**Eye/face protection:** Safety goggles or safety glasses with side shields.

**Skin protection:** Use impermeable gloves and protective clothing as necessary to prevent skin contact.

## 9. PHYSICAL AND CHEMICAL PROPERTIES

**Physical state:** Paste  
**Color:** Black, grey  
**Odor:** Mild, Petroleum  
**Odor threshold:** Not available.

IDH number: 234246

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**pH:** Not available.  
**Vapor pressure:** Not available.  
**Boiling point/range:** Not available.  
**Melting point/ range:** Not available.  
**Specific gravity:** 1.3969  
**Vapor density:** Heavier than air.  
**Flash point:** > 93 °C (> 199.4 °F)  
**Flammable/Explosive limits - lower:** Not available.  
**Flammable/Explosive limits - upper:** Not available.  
**Autoignition temperature:** Not determined  
**Flammability:** Not applicable  
**Evaporation rate:** Less than butyl acetate.  
**Solubility in water:** Negligible  
**Partition coefficient (n-octanol/water):** Not determined  
**VOC content:** Essentially Zero  
**Viscosity:** Not available.  
**Decomposition temperature:** Not available.

## 10. STABILITY AND REACTIVITY

**Stability:** Stable at normal conditions.  
**Hazardous reactions:** Will not occur.  
**Hazardous decomposition products:** Oxides of carbon.  
**Incompatible materials:** Oxidizing agents. Strong acids and strong bases.  
**Reactivity:** Not available.  
**Conditions to avoid:** None known

## 11. TOXICOLOGICAL INFORMATION

**Relevant routes of exposure:** Skin, Eyes

### Potential Health Effects/Symptoms

**Inhalation:** Inhalation of vapors from heated material may cause irritation.  
**Skin contact:** May cause skin irritation.  
**Eye contact:** May cause eye irritation.  
**Ingestion:** Ingestion may cause gastrointestinal irritation, nausea, vomiting and diarrhea.

Hazardous Component(s)	LD50s and LC50s	Immediate and Delayed Health Effects
Petrolatum	None	Irritant
Molybdenum disulphide	None	No Target Organs

Hazardous Component(s)	NTP Carcinogen	IARC Carcinogen	OSHA Carcinogen (Specifically Regulated)
Petrolatum	No	No	No
Molybdenum disulphide	No	No	No

## 12. ECOLOGICAL INFORMATION

**Ecological information:** Not available.

## 13. DISPOSAL CONSIDERATIONS

Information provided is for unused product only.

**Recommended method of disposal:** Follow all local, state, federal and provincial regulations for disposal.

## 14. TRANSPORT INFORMATION

The transport information provided in this section only applies to the material/formulation itself, and is not specific to any packaging.

### U.S. Department of Transportation Ground (49 CFR)

<b>Proper shipping name:</b>	Not regulated
<b>Hazard class or division:</b>	None
<b>Identification number:</b>	None
<b>Packing group:</b>	None

### International Air Transportation (ICAO/IATA)

<b>Proper shipping name:</b>	Not regulated
<b>Hazard class or division:</b>	None
<b>Identification number:</b>	None
<b>Packing group:</b>	None

### Water Transportation (IMO/IMDG)

<b>Proper shipping name:</b>	Not regulated
<b>Hazard class or division:</b>	None
<b>Identification number:</b>	None
<b>Packing group:</b>	None

## 15. REGULATORY INFORMATION

### United States Regulatory Information

<b>TSCA 8 (b) Inventory Status:</b>	All components are listed as active or are exempt from listing on the Toxic Substances Control Act (TSCA) inventory.
<b>TSCA 12 (b) Export Notification:</b>	None above reporting de minimis
<b>CERCLA/SARA Section 302 EHS:</b>	None above reporting de minimis.
<b>CERCLA/SARA Section 311/312:</b>	Immediate Health
<b>CERCLA/SARA Section 313:</b>	None above reporting de minimis.
<b>California Proposition 65:</b>	No California Proposition 65 listed chemicals are known to be present.

### Canada Regulatory Information

<b>CEPA DSL/NDSL Status:</b>	All components are listed on or are exempt from listing on the Canadian Domestic Substances List.
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## 16. OTHER INFORMATION

This safety data sheet contains changes from the previous version in sections: 3,8,15

**Prepared by:** Product Safety and Regulatory Affairs

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