



Revision Number: 005.0

Issue date: 01/10/2025

1. IDENTIFICATION

Product name:	LOCTITE LB 8034 SYN. GREASE HIGH	IDH number:	457453
	PERFORM. known as ViperLube(TM)		
Product type/	Lubricant	Item number:	36780
Recommended use:			
Restriction of Use:	None identified	Region:	Canada
Company address:		Contact information:	
Henkel Canada Corporation		Telephone: +1 (905) 814-6511	
Meadowpine Boulevard 2515		MEDICAL EMERGENCY Phone: Poison Control Center	
Mississauga, Ontario L5N 6C3		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	
		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

None

HAZARD CATEGORY

None

PICTOGRAM(S)

None

Precautionary Statements

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

IDH number: 457453

Product name: LOCTITE LB 8034 SYN. GREASE HIGH PERFORM. known as ViperLube(TM)

Other hazards Not available.

Classification complies with Canadian Hazardous Products Regulations and is consistent with the provision 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	Weight %*
Zinc oxide	1314-13-2	5 - 10
Diboron calcium tetraoxide	13701-64-9	1 - 5
Benzenesulfonic acid, C10- 60-alkyl derivatives, calcium salts	90194-27-7	1 - 5
calcium(2+) 12-hydroxyoctadecanoate	3159-62-4	1 - 5
Benzenesulfonic acid, mono-C16-24-alkyl derivs., calcium salts	70024-69-0	0.1 - 1

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

Non hazardous components

Actual concentration or concentration range is withheld as a trade secret

4. FIRST AID MEASURES

First Aid Measures by likely routes of exposure

Inhalation:	Move to fresh air. If symptoms persist, seek medical advice.
Skin contact:	If high pressure forces the product under the skin get immediate medical attention. If hot material contacts the skin, immediately cool before attempting removal. Wash with soap and water. If symptoms develop and persist, get medical attention.
Eye contact:	Immediately flush eyes with plenty of water for at least 15 minutes. Get medical attention.
Ingestion:	Do not induce vomiting. Never give anything by mouth to an unconscious person. Aspiration may cause pulmonary edema and pneumonitis. Get medical attention.
Most important symptoms and effects (acute and delayed):	The most important known symptoms and effects, both acute and delayed, are described in Section 11: Toxicological Information.
Indication of any immediate medical attention / special treatment needed:	Not available.

5. FIRE FIGHTING MEASURES

Extinguishing media:	Water fog. Foam Small Fires: Dry chemical. Sand. Large fires: Treat as oil fire. Vermiculite.
Improper extinguishing agents:	Not available.
Special firefighting procedures:	Water spray may be ineffective. Oil will float on water and can spread fire.
Unusual fire or explosion hazards:	None

Hazardous combustion products:

Oxides of sulfur. Oxides of carbon.

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:

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

Clean-up methods:

Clean-up methods - large spillage. Flush with water. Follow all local, state, federal and provincial regulations for disposal.

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.

Shelf Life Statement: Not available.

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
1-Decene, homopolymer, hydrogenated	5 mg/m3 TWA mist 10 mg/m3 STEL mist	5 mg/m3 TWA mist	None	None
Calcium carbonate	10 mg/m3 TWA Total dust. 3 mg/m3 TWA Respirable particles. 10 mg/m3 TWA Inhalable particles.	15 mg/m3 PEL Total dust. 5 mg/m3 PEL Respirable fraction. 15 mg/m3 TWA Total dust. 50 MPPCF TWA Total dust. 15 MPPCF TWA Respirable fraction. 5 mg/m3 TWA Respirable fraction. 15 mg/m3 PEL Total dust. 5 mg/m3 PEL Respirable fraction.	None	None
Distillates (petroleum), solvent-dewaxed heavy paraffinic < 3%DMSO	5 mg/m3 TWA Inhalable fraction.	5 mg/m3 PEL Mist. 500 ppm (2,000 mg/m3) PEL	None	None
Zinc oxide	2 mg/m3 TWA Respirable fraction. 10 mg/m3 STEL Respirable fraction.	5 mg/m3 PEL Fume. 5 mg/m3 PEL Respirable fraction. 15 mg/m3 PEL Total dust. 15 mg/m3 TWA Total dust. 5 mg/m3 TWA Respirable fraction. 15 MPPCF TWA Respirable fraction. 50 MPPCF TWA Total dust.	None	None
Diboron calcium tetraoxide	6 mg/m3 STEL Inhalable fraction. 2 mg/m3 TWA Inhalable fraction.	None	None	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.

Respiratory protection:

If personal exposure cannot be controlled below applicable limits by ventilation, wear a properly fitted organic vapor/particulate respirator approved by NIOSH. Observe OSHA regulations for respirator use (29 CFR 1910.134).

Eye/face protection:

Safety goggles or safety glasses with side shields. Full face protection should be used if the potential for splashing or spraying of product exists.

Skin protection:

Use impermeable gloves and protective clothing as necessary to prevent skin contact.

9. PHYSICAL AND CHEMICAL PROPERTIES

Physical state:

Semi-Solid

Color:

White

Odor:

Mild, Petroleum

Odor threshold:

Not available.

pH:

Not available.

Vapor pressure:

Not available.

Boiling point/range:

Not available.

Melting point/ range:	Not available.
Density/Relative density:	0.95 - 1.05 at 25 °C (77°F)
Relative vapor density:	Not available.
Flash point:	> 180 °C (> 356°F)
Flammable/Explosive limits - lower:	Not available.
Flammable/Explosive limits - upper:	Not available.
Autoignition temperature:	Not determined
Flammability:	Not applicable
Evaporation rate:	Not available.
Solubility:	Negligible Water
Partition coefficient n-octanol/water (logarithmic value):	Not determined
VOC content:	2.89 %; 28.9 g/l
Dynamic viscosity:	Not available.
Kinematic viscosity:	Not available.
Particle characteristics:	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 sulfur. Oxides of carbon.
Incompatible materials:	Oxidizing agents.
Reactivity:	Not available.
Conditions to avoid:	None known

11. TOXICOLOGICAL INFORMATION

Likely routes of exposure:	Skin, Inhalation, Eyes, Ingestion
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Potential Health Effects/Symptoms

Inhalation: May cause respiratory tract irritation.
Skin contact: May cause skin irritation.
Eye contact: May cause eye irritation.
Ingestion: Not expected under normal conditions of use. May cause gastrointestinal tract irritation if swallowed.

Hazardous Component(s)	LD50s and LC50s
Zinc oxide	Oral LD50 (Mouse) = 7,950 mg/kg Oral LD50 (Rat) = > 5 g/kg Inhalation LC50 (Rat, 4 h) = > 5,700 mg/m3
Diboron calcium tetraoxide	None
Benzenesulfonic acid, C10- 60-alkyl derivatives, calcium salts	Inhalation LC50 (Rat, 4 h) = > 1.9 mg/l
calcium(2+) 12-hydroxyoctadecanoate	None
Benzenesulfonic acid, mono-C16-24-alkyl derivs., calcium salts	Inhalation LC50 (Rat, 4 h) = > 1.9 mg/l

Hazardous Component(s)	Immediate Health Effects	Delayed Health Effects	Chronic Health Effects
Zinc oxide	Irritant		Blood Gastrointestinal Immune system Kidney Metabolic Nervous System Pancreas Respiratory Skin
Diboron calcium tetraoxide			
Benzenesulfonic acid, C10- 60-alkyl derivatives, calcium salts			
calcium(2+) 12-hydroxyoctadecanoate			
Benzenesulfonic acid, mono-C16-24-alkyl derivs., calcium salts			

Hazardous Component(s)	NTP Carcinogen	IARC Carcinogen	OSHA Carcinogen (Specifically Regulated)
Zinc oxide	No	No	No
Diboron calcium tetraoxide	No	No	No
Benzenesulfonic acid, C10- 60-alkyl derivatives, calcium salts	No	No	No
calcium(2+) 12-hydroxyoctadecanoate	No	No	No
Benzenesulfonic acid, mono-C16-24-alkyl derivs., calcium salts	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.

Canada Transportation of Dangerous Goods - Ground

Proper shipping name:	Not regulated
Hazard class or division:	None
Identification number:	None
Packing group:	None

International Air Transportation (ICAO/IATA)

Proper shipping name:	Environmentally hazardous substance, solid, n.o.s. (Zinc oxide)
Hazard class or division:	9
Identification number:	UN 3077
Packing group:	III

Water Transportation (IMO/IMDG)

Proper shipping name:	ENVIRONMENTALLY HAZARDOUS SUBSTANCE, SOLID, N.O.S. (Zinc oxide)
Hazard class or division:	9
Identification number:	UN 3077
Packing group:	III
Marine pollutant:	Zinc oxide
Additional information:	IMDG-Code: Segregation group 7- Heavy metals and their salts

15. REGULATORY INFORMATION

Canada Regulatory Information

CEPA DSL/NDL Status:	Contains one or more components listed on the Non-Domestic Substances List. All other components are listed on or are exempt from listing on the Domestic Substances List. Components listed on the NDSL must be tracked by all Canadian Importers of Record as required by Environment Canada. They may be imported into Canada in limited quantities. Please contact Regulatory Affairs for additional details.
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United States Regulatory Information

TSCA 8 (b) Inventory Status:	All components are listed as active or are exempt from listing on the Toxic Substances Control Act (TSCA) inventory.
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16. OTHER INFORMATION

This safety data sheet contains changes from the previous version in sections: 1,2,3,4,5,8,9,11,15

Prepared by:	Product Safety and Regulatory Affairs
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Issue date:	01/10/2025
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