



Revision Number: 005.0

Issue date: 01/10/2025

**1. IDENTIFICATION**

|                                      |                                                                                          |                     |        |
|--------------------------------------|------------------------------------------------------------------------------------------|---------------------|--------|
| <b>Product name:</b>                 | <b>LOCTITE LB 8034 SYN. GREASE HIGH PERFORM. known as ViperLube(TM) Synthetic Grease</b> | <b>IDH number:</b>  | 457458 |
| <b>Product type/Recommended use:</b> | Lubricant                                                                                | <b>Item number:</b> | 36783  |
| <b>Restriction of Use:</b>           | None identified                                                                          | <b>Region:</b>      | Canada |
| <b>Company address:</b>              | <b>Contact information:</b>                                                              |                     |        |
| 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**

|                    |                |
|--------------------|----------------|
| <b>Prevention:</b> | Not prescribed |
| <b>Response:</b>   | Not prescribed |
| <b>Storage:</b>    | Not prescribed |
| <b>Disposal:</b>   | Not prescribed |

IDH number: 457458

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

**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

|                                                                                  |                                                                                                                                                                                                                                                      |
|----------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Inhalation:</b>                                                               | Move to fresh air. If symptoms persist, seek medical advice.                                                                                                                                                                                         |
| <b>Skin contact:</b>                                                             | 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. |
| <b>Eye contact:</b>                                                              | Immediately flush eyes with plenty of water for at least 15 minutes. Get medical attention.                                                                                                                                                          |
| <b>Ingestion:</b>                                                                | Do not induce vomiting. Never give anything by mouth to an unconscious person. Aspiration may cause pulmonary edema and pneumonitis. Get medical attention.                                                                                          |
| <b>Most important symptoms and effects (acute and delayed):</b>                  | The most important known symptoms and effects, both acute and delayed, are described in Section 11: Toxicological Information.                                                                                                                       |
| <b>Indication of any immediate medical attention / special treatment needed:</b> | Not available.                                                                                                                                                                                                                                       |

### 5. FIRE FIGHTING MEASURES

|                                           |                                                                                               |
|-------------------------------------------|-----------------------------------------------------------------------------------------------|
| <b>Extinguishing media:</b>               | Water fog. Foam Small Fires: Dry chemical. Sand. Large fires: Treat as oil fire. Vermiculite. |
| <b>Improper extinguishing agents:</b>     | Not available.                                                                                |
| <b>Special firefighting procedures:</b>   | Water spray may be ineffective. Oil will float on water and can spread fire.                  |
| <b>Unusual fire or explosion hazards:</b> | 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<br>10 mg/m3 STEL<br>mist                                                                      | 5 mg/m3 TWA mist                                                                                                                                                                                                                                                                      | None      | None  |
| Calcium carbonate                                                     | 10 mg/m3 TWA<br>Total dust.<br>3 mg/m3 TWA<br>Respirable<br>particles.<br>10 mg/m3 TWA<br>Inhalable particles. | 15 mg/m3 PEL<br>Total dust.<br>5 mg/m3 PEL<br>Respirable fraction.<br>15 mg/m3 TWA<br>Total dust.<br>50 MPPCF TWA<br>Total dust.<br>15 MPPCF TWA<br>Respirable fraction.<br>5 mg/m3 TWA<br>Respirable fraction.<br>15 mg/m3 PEL<br>Total dust.<br>5 mg/m3 PEL<br>Respirable fraction. | None      | None  |
| Distillates (petroleum), solvent-dewaxed heavy<br>paraffinic < 3%DMSO | 5 mg/m3 TWA<br>Inhalable fraction.                                                                             | 5 mg/m3 PEL Mist.<br>500 ppm (2,000<br>mg/m3) PEL                                                                                                                                                                                                                                     | None      | None  |
| Zinc oxide                                                            | 2 mg/m3 TWA<br>Respirable fraction.<br>10 mg/m3 STEL<br>Respirable fraction.                                   | 5 mg/m3 PEL<br>Fume.<br>5 mg/m3 PEL<br>Respirable fraction.<br>15 mg/m3 PEL<br>Total dust.<br>15 mg/m3 TWA<br>Total dust.<br>5 mg/m3 TWA<br>Respirable fraction.<br>15 MPPCF TWA<br>Respirable fraction.<br>50 MPPCF TWA<br>Total dust.                                               | None      | None  |
| Diboron calcium tetraoxide                                            | 6 mg/m3 STEL<br>Inhalable fraction.<br>2 mg/m3 TWA<br>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.

|                                                                   |                             |
|-------------------------------------------------------------------|-----------------------------|
| <b>Melting point/ range:</b>                                      | Not available.              |
| <b>Density/Relative density:</b>                                  | 0.95 - 1.05 at 25 °C (77°F) |
| <b>Relative vapor density:</b>                                    | Not available.              |
| <b>Flash point:</b>                                               | > 180 °C (> 356°F)          |
| <b>Flammable/Explosive limits - lower:</b>                        | Not available.              |
| <b>Flammable/Explosive limits - upper:</b>                        | Not available.              |
| <b>Autoignition temperature:</b>                                  | Not determined              |
| <b>Flammability:</b>                                              | Not applicable              |
| <b>Evaporation rate:</b>                                          | Not available.              |
| <b>Solubility:</b>                                                | Negligible Water            |
| <b>Partition coefficient n-octanol/water (logarithmic value):</b> | Not determined              |
| <b>VOC content:</b>                                               | 2.89 %; 28.9 g/l            |
| <b>Dynamic viscosity:</b>                                         | Not available.              |
| <b>Kinematic viscosity:</b>                                       | Not available.              |
| <b>Particle characteristics:</b>                                  | Not available.              |
| <b>Decomposition temperature:</b>                                 | Not available.              |

## 10. STABILITY AND REACTIVITY

|                                          |                                     |
|------------------------------------------|-------------------------------------|
| <b>Stability:</b>                        | Stable at normal conditions.        |
| <b>Hazardous reactions:</b>              | Will not occur.                     |
| <b>Hazardous decomposition products:</b> | Oxides of sulfur. Oxides of carbon. |
| <b>Incompatible materials:</b>           | Oxidizing agents.                   |
| <b>Reactivity:</b>                       | Not available.                      |
| <b>Conditions to avoid:</b>              | None known                          |

## 11. TOXICOLOGICAL INFORMATION

|                                   |                                   |
|-----------------------------------|-----------------------------------|
| <b>Likely routes of exposure:</b> | Skin, Inhalation, Eyes, Ingestion |
|-----------------------------------|-----------------------------------|

### 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<br>Oral LD50 (Rat) = > 5 g/kg<br>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<br>Gastrointestinal<br>Immune system<br>Kidney<br>Metabolic<br>Nervous System<br>Pancreas<br>Respiratory<br>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<br>(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**

|                             |                                                                                                                                                                                                                                                                                                                                                                                                                   |
|-----------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>CEPA DSL/NDL Status:</b> | 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. |
|-----------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|

**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. |
|-------------------------------------|----------------------------------------------------------------------------------------------------------------------|

## 16. OTHER INFORMATION

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

|                     |                                       |
|---------------------|---------------------------------------|
| <b>Prepared by:</b> | Product Safety and Regulatory Affairs |
|---------------------|---------------------------------------|

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| <b>Issue date:</b> | 01/10/2025 |
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