



Revision Number: 001.2

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**1. PRODUCT AND COMPANY IDENTIFICATION**

**Product name:** LOCTITE LB 8034 SYN. GREASE HIGH PERFORM. known as ViperLube(TM) Synthetic Grease  
**Product type:** Lubricant  
**Restriction of Use:** None identified  
**Company address:** Henkel Corporation  
 One Henkel Way  
 Rocky Hill, Connecticut 06067

**IDH number:** 457458

**Item number:** 36783  
**Region:** United States

**Contact information:**  
 Telephone: (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**

**WARNING:** CAUSES SERIOUS EYE IRRITATION.  
 CAUSES SKIN IRRITATION.

| HAZARD CLASS       | HAZARD CATEGORY |
|--------------------|-----------------|
| SKIN IRRITATION    | 2               |
| SERIOUS EYE DAMAGE | 1               |

**PICTOGRAM(S)**



**Precautionary Statements**

**Prevention:** Wash thoroughly after handling. Wear eye and face protection. Wear protective gloves.  
**Response:** IF ON SKIN: Wash with plenty of water. IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. Immediately call a poison control center or physician. If skin irritation occurs: Get medical attention. Take off contaminated clothing.  
**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* |
|---|------------|-------------|
| White mineral oil (petroleum), highly refined | 8042-47-5  | 60 - 100    |

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|  |             |         |
|--|-------------|---------|
| Benzene, mono-C10-13-alkyl derivs.,<br>fractionation bottoms, heavy ends,<br>sulfonated, calcium salts | 148520-84-7 | 10 - 30 |
| Diboron calcium tetraoxide   | 13701-64-9  | 1 - 5   |
| Calcium dodecylbenzene sulfonate   | 26264-06-2  | 1 - 5   |

\* Exact percentage is a trade secret. Concentration range is provided to assist users in providing appropriate protections.

#### 4. FIRST AID MEASURES

|                      |  |
|----------------------|--|
| <b>Inhalation:</b>   | No specific treatment is necessary since material is not likely to be hazardous by inhalation. If symptoms develop and persist, get medical attention. |
| <b>Skin contact:</b> | Wipe off paste with paper towel or cloth. Wash with soap and water.  |
| <b>Eye contact:</b>  | Rinse immediately with plenty of water, also under the eyelids, for at least 15 minutes. Seek medical attention from a specialist.                     |
| <b>Ingestion:</b>    | Do not induce vomiting. Consult a physician if necessary.  |
| <b>Symptoms:</b>     | See Section 11.  |

#### 5. FIRE FIGHTING MEASURES

|   |                                       |
|---|---------------------------------------|
| <b>Extinguishing media:</b>               | Foam, dry chemical or carbon dioxide. |
| <b>Special firefighting procedures:</b>   | None                                  |
| <b>Unusual fire or explosion hazards:</b> | None                                  |
| <b>Hazardous combustion products:</b>     | Oxides of carbon. Formaldehyde.       |

#### 6. ACCIDENTAL RELEASE MEASURES

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

|                                   |  |
|-----------------------------------|--|
| <b>Environmental precautions:</b> | Do not allow product to enter sewer or waterways.  |
| <b>Clean-up methods:</b>          | Scrape up as much material as possible. Store in a partly filled, closed container until disposal. |

#### 7. HANDLING AND STORAGE

|                  |  |
|------------------|--|
| <b>Handling:</b> | Avoid contact with eyes, skin and clothing. Do not wear contact lenses.                                |
| <b>Storage:</b>  | For safe storage, store between 8 °C (46.4 °F) and 28 °C (82.4 °F)<br>Store in a dry area below 90° F. |

For information on product shelf life contact Henkel Customer Service at (800) 243-4874.

## 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 |
|--|---|---|-----------|-------|
| White mineral oil (petroleum), highly refined  | 5 mg/m <sup>3</sup> TWA<br>Inhalable fraction.  | 5 mg/m <sup>3</sup> TWA mist<br>5 mg/m <sup>3</sup> PEL Mist. | None      | None  |
| Benzene, mono-C10-13-alkyl derivs., fractionation bottoms, heavy ends, sulfonated, calcium salts | None  | None  | None      | None  |
| Diboron calcium tetraoxide   | 6 mg/m <sup>3</sup> STEL<br>Inhalable fraction.<br>2 mg/m <sup>3</sup> TWA<br>Inhalable fraction. | None  | None      | None  |
| Calcium dodecylbenzene sulfonate   | None  | None  | None      | None  |

**Engineering controls:**

General room ventilation is usually adequate. Use local exhaust ventilation if the potential for airborne exposure exists.

**Respiratory protection:**

No personal respiratory protective equipment normally required. Breathing apparatus only if aerosol or dust is formed.

**Eye/face protection:**

Safety goggles or safety glasses with side shields.

**Skin protection:**

Chemical resistant, impermeable gloves.

## 9. PHYSICAL AND CHEMICAL PROPERTIES

|   |                               |
|---|-------------------------------|
| <b>Physical state:</b>                          | Solid                         |
| <b>Color:</b>                                   | Tan                           |
| <b>Odor:</b>                                    | Mild                          |
| <b>Odor threshold:</b>                          | Not available.                |
| <b>pH:</b>                                      | Not available.                |
| <b>Vapor pressure:</b>                          | Not available.                |
| <b>Boiling point/range:</b>                     | > 260 °C (> 500°F)            |
| <b>Melting point/ range:</b>                    | Not available.                |
| <b>Specific gravity:</b>                        | 0.96                          |
| <b>Vapor density:</b>                           | Not available.                |
| <b>Flash point:</b>                             | Product is a solid.           |
| <b>Flammable/Explosive limits - lower:</b>      | Not applicable Not applicable |
| <b>Flammable/Explosive limits - upper:</b>      | Not applicable Not applicable |
| <b>Autoignition temperature:</b>                | Not available.                |
| <b>Evaporation rate:</b>                        | Not applicable                |
| <b>Solubility in water:</b>                     | Insoluble                     |
| <b>Partition coefficient (n-octanol/water):</b> | Not available.                |
| <b>VOC content:</b>                             | < 1 %; < 10 g/l Estimated     |
| <b>Viscosity:</b>                               | Not available.                |
| <b>Decomposition temperature:</b>               | Not available.                |

## 10. STABILITY AND REACTIVITY

|  |                                    |
|--|------------------------------------|
| <b>Stability:</b>                        | Stable                             |
| <b>Hazardous reactions:</b>              | Will not occur.                    |
| <b>Hazardous decomposition products:</b> | Oxides of carbon. Formaldehyde.    |
| <b>Incompatible materials:</b>           | Acids and bases. Oxidizing agents. |
| <b>Reactivity:</b>                       | Not available.                     |
| <b>Conditions to avoid:</b>              | Excessive heat.                    |

## 11. TOXICOLOGICAL INFORMATION

**Relevant routes of exposure:** Skin, Eye contact

**Potential Health Effects/Symptoms**

|                      |  |
|----------------------|--|
| <b>Inhalation:</b>   | This product has low volatility and is not expected to cause respiratory tract irritation during normal conditions of use. When heated to temperatures exceeding 300° F (150° C) in the presence of air, silicones may form formaldehyde vapors. Formaldehyde is a potential cancer hazard and a known skin and respiratory sensitizer. Vapors irritate the eyes, nose and throat. Safe handling conditions may be maintained by keeping formaldehyde vapor concentrations below the OSHA permissible limit. |
| <b>Skin contact:</b> | May cause skin irritation.   |
| <b>Eye contact:</b>  | May cause irritation.  |
| <b>Ingestion:</b>    | Not expected to be harmful by ingestion.   |

| Hazardous Component(s)   | LD50s and LC50s | Immediate and Delayed Health Effects |
|--|-----------------|--------------------------------------|
| White mineral oil (petroleum), highly refined  | None            | Irritant                             |
| Benzene, mono-C10-13-alkyl derivs., fractionation bottoms, heavy ends, sulfonated, calcium salts | None            | No Records                           |
| Diboron calcium tetraoxide   | None            | No Records                           |
| Calcium dodecylbenzene sulfonate   | None            | Eyes, Irritant                       |

| Hazardous Component(s)   | NTP Carcinogen | IARC Carcinogen | OSHA Carcinogen (Specifically Regulated) |
|--|----------------|-----------------|--|
| White mineral oil (petroleum), highly refined  | No             | No              | No                                       |
| Benzene, mono-C10-13-alkyl derivs., fractionation bottoms, heavy ends, sulfonated, calcium salts | No             | No              | No                                       |
| Diboron calcium tetraoxide   | No             | No              | No                                       |
| Calcium dodecylbenzene sulfonate   | No             | No              | No                                       |

## 12. ECOLOGICAL INFORMATION

**Ecological information:**

No specific studies have been conducted by Henkel on the ecotoxicity or environmental fate of this material; however, commonly available data on the material indicate that uncontrolled releases to soil, ground water, or surface waters could entail acute and/or chronic ecological effects, depending on the quantity and concentration of such releases. Releases of volatile components to the atmosphere are not believed to entail significant ecological consequences provided such releases are within the exposure levels set forth in this document. Accordingly, all appropriate measures should be taken to avoid uncontrolled releases to the environment, and any spills or other uncontrolled releases which may occur should be contained and cleaned up immediately in accordance with Section 6.

## 13. DISPOSAL CONSIDERATIONS

**Information provided is for unused product only.**

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

**Hazardous waste number:** Not a RCRA hazardous waste.

## 14. TRANSPORT INFORMATION

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

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

**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, liquid, n.o.s.  
**Hazard class or division:** 9  
**Identification number:** UN 3082  
**Packing group:** III

**Water Transportation (IMO/IMDG)**

**Proper shipping name:** ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S.  
**Hazard class or division:** 9  
**Identification number:** UN 3082  
**Packing group:** III

## 15. REGULATORY INFORMATION

**United States Regulatory Information**

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

**Canada Regulatory Information**

**CEPA DSL/NDL Status:** All components are listed on or are exempt from listing on the Canadian Domestic Substances List.

## 16. OTHER INFORMATION

**This safety data sheet contains changes from the previous version in sections:** First issue.

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