



Revision Number: 004.0

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1. PRODUCT AND COMPANY IDENTIFICATION

Product name: LOCTITE LB 8009 HEAVY DUTY ANTI-SEIZE known as Heavy Duty Anti-Seize
Product type: Lubricant
Restriction of Use: None identified
Company address: Henkel Corporation
 One Henkel Way
 Rocky Hill, Connecticut 06067

IDH number: 234347

Item number: 51605
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 SKIN IRRITATION.
 CAUSES SERIOUS EYE IRRITATION.

| HAZARD CLASS | HAZARD CATEGORY |
|-----------------|-----------------|
| SKIN IRRITATION | 2 |
| EYE IRRITATION | 2A |

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 soap and water. IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to remove. Continue rinsing. If skin irritation occurs: Get medical attention. If eye irritation persists: 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* |
|---|------------|-------------|
| Calcium fluoride | 7789-75-5 | 10 - 30 |
| Distillates (petroleum), solvent-refined heavy paraffinic | 64741-88-4 | 10 - 30 |

| | | |
|---|------------|---------|
| Distillates (petroleum), solvent-dewaxed heavy paraffinic | 64742-65-0 | 10 - 30 |
| Graphite | 7782-42-5 | 10 - 30 |
| Distillates (petroleum), hydrotreated heavy naphthenic | 64742-52-5 | 5 - 10 |
| Mineral oil light naphthenic hydrotreat. <3% DMSO | 64742-53-6 | 5 - 10 |
| Calcium dodecylbenzene sulfonate | 26264-06-2 | 1 - 5 |
| Residual oils (petroleum), solvent-refined, <3% DMSO | 64742-01-4 | 0.1 - 1 |
| Octadecanoic acid | 57-11-4 | 0.1 - 1 |

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

4. FIRST AID MEASURES

| | |
|----------------------|--|
| Inhalation: | Move to fresh air. If symptoms persist, seek medical advice. |
| Skin contact: | 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: | Get medical attention. Aspiration may cause pulmonary edema and pneumonitis. Do not induce vomiting. |
| Symptoms: | See Section 11. |

5. FIRE FIGHTING MEASURES

| | |
|---|--|
| Extinguishing media: | foam Dry chemical. Carbon dioxide. Water spray or fog. |
| Special firefighting procedures: | None |
| Unusual fire or explosion hazards: | None |
| Hazardous combustion products: | 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 material to contaminate ground water system. |
| Clean-up methods: | Scrape up as much material as possible. Clean residue with soap and water. Follow all local, state, federal and provincial regulations for disposal. |

7. HANDLING AND STORAGE

| | |
|------------------|--|
| Handling: | Keep container closed. Avoid contact with eyes, skin and clothing. Wash thoroughly after handling. |
| Storage: | Keep in a cool, well ventilated area. |

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 |
|---|--|---|-----------|-------|
| Calcium fluoride | 2.5 mg/m ³ TWA (as F) | 2.5 mg/m ³ PEL (as F) 2.5 mg/m ³ TWA Dust. | None | None |
| Distillates (petroleum), solvent-refined heavy paraffinic | 5 mg/m ³ TWA Inhalable fraction. 5 mg/m ³ TWA mist 10 mg/m ³ STEL mist | 500 ppm (2,000 mg/m ³) PEL 5 mg/m ³ PEL Mist. 5 mg/m ³ TWA mist | None | None |
| Distillates (petroleum), solvent-dewaxed heavy paraffinic | None | 500 ppm (2,000 mg/m ³) PEL 5 mg/m ³ PEL Mist. | None | None |
| Graphite | 2 mg/m ³ TWA Respirable fraction. | 5 mg/m ³ PEL Respirable fraction. 15 mg/m ³ PEL Total dust. 15 MPPCF TWA | None | None |
| Distillates (petroleum), hydrotreated heavy naphthenic | 5 mg/m ³ TWA mist 10 mg/m ³ STEL mist | 5 mg/m ³ TWA mist 500 ppm (2,000 mg/m ³) PEL 5 mg/m ³ PEL Mist. | None | None |
| Mineral oil light naphthenic hydrotreat. <3% DMSO | None | 500 ppm (2,000 mg/m ³) PEL 5 mg/m ³ PEL Mist. | None | None |
| Calcium dodecylbenzene sulfonate | None | None | None | None |
| Residual oils (petroleum), solvent-refined, <3% DMSO | None | None | None | None |
| Octadecanoic acid | 10 mg/m ³ TWA | 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:

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:

Goggles. Safety glasses with side-shields.

Skin protection:

Cover as much of the exposed skin area as possible with appropriate clothing.

9. PHYSICAL AND CHEMICAL PROPERTIES

| | |
|---|------------------------|
| Physical state: | paste |
| Color: | Gray |
| Odor: | characteristic |
| Odor threshold: | Not available. |
| pH: | Not applicable |
| Vapor pressure: | Not available. |
| Boiling point/range: | 550 °F (287.8 °C) None |
| Melting point/ range: | Not available. |
| Specific gravity: | 1.18 |
| Vapor density: | Heavier than air. |
| Flash point: | > 93 °C (> 199.4 °F) |
| Flammable/Explosive limits - lower: | Not determined |
| Flammable/Explosive limits - upper: | Not determined |
| Autoignition temperature: | Not determined |
| Evaporation rate: | Not determined |
| Solubility in water: | Insoluble |
| Partition coefficient (n-octanol/water): | Not determined |

VOC content: < 3 % Essentially Zero (Exempt Compounds)
Viscosity: Not available.
Decomposition temperature: Not available.

10. STABILITY AND REACTIVITY

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

11. TOXICOLOGICAL INFORMATION

Relevant routes of exposure: Skin, Eyes

Potential Health Effects/Symptoms

Inhalation: This product has low volatility and is not expected to cause respiratory tract irritation during normal conditions of use.
Skin contact: Causes skin irritation.
Eye contact: Causes serious eye irritation.
Ingestion: Principal hazard of ingestion is aspiration into the lungs and subsequent pneumonitis.

| Hazardous Component(s) | LD50s and LC50s | Immediate and Delayed Health Effects |
|---|-------------------------------|--------------------------------------|
| Calcium fluoride | Oral LD50 (RAT) = 4,250 mg/kg | Teeth, Muscle, Respiratory |
| Distillates (petroleum), solvent-refined heavy paraffinic | None | Irritant |
| Distillates (petroleum), solvent-dewaxed heavy paraffinic | None | Irritant |
| Graphite | None | Lung |
| Distillates (petroleum), hydrotreated heavy naphthenic | None | Irritant |
| Mineral oil light naphthenic hydrotreat. <3% DMSO | None | Irritant |
| Calcium dodecylbenzene sulfonate | None | Eyes, Irritant |
| Residual oils (petroleum), solvent-refined, <3% DMSO | None | Irritant |
| Octadecanoic acid | Oral LD50 (RAT) = 4.6 g/kg | Irritant |

| Hazardous Component(s) | NTP Carcinogen | IARC Carcinogen | OSHA Carcinogen (Specifically Regulated) |
|---|----------------|-----------------|--|
| Calcium fluoride | No | No | No |
| Distillates (petroleum), solvent-refined heavy paraffinic | No | No | No |
| Distillates (petroleum), solvent-dewaxed heavy paraffinic | No | No | No |
| Graphite | No | No | No |
| Distillates (petroleum), hydrotreated heavy naphthenic | No | No | No |
| Mineral oil light naphthenic hydrotreat. <3% DMSO | No | No | No |
| Calcium dodecylbenzene sulfonate | No | No | No |
| Residual oils (petroleum), solvent-refined, <3% DMSO | No | No | No |
| Octadecanoic acid | 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.

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

Water Transportation (IMO/IMDG)

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

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: New Safety Data Sheet format.

Prepared by: Catherine Bimler, Regulatory Affairs Specialist

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