



Revision Number: 006.0

Issue date: 01/03/2019

1. PRODUCT AND COMPANY IDENTIFICATION

| | | | |
|-------------------------------|---|---------------------|---------------|
| Product name: | LOCTITE LB 8009 HEAVY DUTY ANTI-SEIZE known as Heavy Duty Anti-Seize | IDH number: | 209758 |
| Product type: | Lubricant | Item number: | 51606 |
| Restriction of Use: | None identified | Region: | United States |
| Company address: | Contact information: | | |
| Henkel Corporation | Telephone: +1 (860) 571-5100 | | |
| One Henkel Way | MEDICAL EMERGENCY Phone: Poison Control Center | | |
| Rocky Hill, Connecticut 06067 | 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

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| Prevention: | Wash affected area thoroughly after handling. Wear protective gloves, eye protection, and face protection. |
| 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. 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 |

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| | | |
|--|------------|---------|
| Distillates (petroleum), solvent-refined heavy paraffinic | 64741-88-4 | 10 - 30 |
| Distillates (petroleum), solvent-dewaxed heavy paraffinic < 3%DMSO | 64742-65-0 | 10 - 30 |
| Graphite | 7782-42-5 | 10 - 30 |
| Calcium distearate | 1592-23-0 | 5 - 10 |
| Distillates (petroleum), hydrotreated heavy naphthenic | 64742-52-5 | 5 - 10 |
| Petroleum distillates, hydrotreated, light naphthenic | 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 |

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

4. FIRST AID MEASURES

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|----------------------|---|
| 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: | Do not induce vomiting. Never give anything by mouth to an unconscious person. Get medical attention. |
| Symptoms: | See Section 11. |

5. FIRE FIGHTING MEASURES

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| Extinguishing media: | Water spray (fog), foam, dry chemical or carbon dioxide. |
| Special firefighting procedures: | Wear self-contained breathing apparatus and full protective clothing, such as turn-out gear. |
| Unusual fire or explosion hazards: | Closed containers may rupture (due to build up of pressure) when exposed to extreme heat. |
| Hazardous combustion products: | Oxides of carbon. Toxic and irritating vapors. Traces of Oxides of sulfur. May release trace quantities of fluoride. |

6. ACCIDENTAL RELEASE MEASURES

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

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| 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

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|------------------|--|
| Handling: | Keep container closed. Avoid contact with eyes, skin and clothing. Wash thoroughly after handling. |
| 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 |
|--|---|---|-----------|-------|
| 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 < 3%DMSO | 5 mg/m ³ TWA Inhalable fraction. | 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 |
| Calcium distearate | 3 mg/m ³ TWA Respirable fraction. 3 mg/m ³ TWA Respirable fraction. 10 mg/m ³ TWA Inhalable fraction. | None | None | None |
| Distillates (petroleum), hydrotreated heavy naphthenic | 5 mg/m ³ TWA Inhalable fraction. | 500 ppm (2,000 mg/m ³) PEL 5 mg/m ³ PEL Mist. | None | None |
| Petroleum distillates, hydrotreated, light naphthenic | 5 mg/m ³ TWA Inhalable fraction. | 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 | Included in the regulation but with no data values. See regulation for further details 5 mg/m ³ TWA Inhalable fraction. Exposure by all routes should be carefully controlled to levels as low as possible. | 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).

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: | Paste |
| Color: | Gray |
| Odor: | Characteristic |
| Odor threshold: | Not available. |
| pH: | Not applicable |
| Vapor pressure: | Not available. |
| Boiling point/range: | 550 °F (287.8 °C) |
| 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 |
| Flammability: | Not applicable |
| 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: | Oxides of carbon. Hydrocarbons. Irritating organic vapours. Traces of Oxides of sulfur. May release trace quantities of fluoride. |
| Incompatible materials: | Oxidizing agents. |
| Reactivity: | Not available. |
| Conditions to avoid: | Store away from incompatible materials. |

11. TOXICOLOGICAL INFORMATION

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|-------------------------------------|-----------------------------------|
| Relevant routes of exposure: | Skin, Inhalation, Eyes, Ingestion |
|-------------------------------------|-----------------------------------|

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: May cause gastrointestinal tract irritation if swallowed.

| 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 < 3%DMSO | None | Irritant |
| Graphite | None | Lung |
| Calcium distearate | None | No Target Organs |
| Distillates (petroleum), hydrotreated heavy naphthenic | None | Irritant |
| Petroleum distillates, hydrotreated, light naphthenic | None | Irritant |
| Calcium dodecylbenzene sulfonate | None | Eyes, Irritant |
| Residual oils (petroleum), solvent-refined, <3% DMSO | None | 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 < 3%DMSO | No | No | No |
| Graphite | No | No | No |
| Calcium distearate | No | No | No |
| Distillates (petroleum), hydrotreated heavy naphthenic | No | No | No |
| Petroleum distillates, hydrotreated, light naphthenic | No | No | No |
| Calcium dodecylbenzene sulfonate | No | No | No |
| Residual oils (petroleum), solvent-refined, <3% DMSO | Known To Be Human Carcinogen. | Group 1 | 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: 2

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