

Safety Data Sheet



Revision Number: 004.0

Issue date: 10/06/2021

1. PRODUCT AND COMPANY IDENTIFICATION

| | | | |
|---------------------|---|----------------------|---|
| Product name: | LOCTITE LB 8036 ANTI-SIEZE, WHITE known as White Hi-Temp Anti-Seize | IDH number: | 302678 |
| Product type/use: | Lubricant | Item number: | 34518 |
| Restriction of Use: | None identified | Region: | United States |
| Company address: | Henkel Corporation One Henkel Way Rocky Hill, Connecticut 06067 | Contact information: | Telephone: +1 (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

| | |
|---------|---|
| DANGER: | CAUSES SKIN IRRITATION. CAUSES SERIOUS EYE DAMAGE. |
|---------|---|

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

PICTOGRAM(S)



Precautionary Statements

| | |
|-------------|---|
| 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. 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 | 30 - 60 |
| White mineral oil- | | 10 - 30 |
| Calcium oxide | 1305-78-8 | 5 - 10 |
| Aluminum, tri-m-oxotris(2-propanolato)tri-, cyclo, reaction products with benzoic acid and stearic acid | 68411-54-1 | 5 - 10 |
| Calcium fluoride | 7789-75-5 | 5 - 10 |
| Mica | 12001-26-2 | 5 - 10 |
| Titanium dioxide | 13463-67-7 | 1 - 5 |

* 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: | Remove contaminated clothing and footwear. Immediately flush skin with plenty of water (using soap, if available). If symptoms develop and persist, get medical attention. Wash clothing before reuse. |
| Eye contact: | Rinse immediately with plenty of water, also under the eyelids, for at least 15 minutes. Get medical attention. |
| Ingestion: | Get medical attention. Do not induce vomiting. Aspiration may cause pulmonary edema and pneumonitis. |
| 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. In case of fire, keep containers cool with water spray. |
| Unusual fire or explosion hazards: | None |
| Hazardous combustion products: | Hydrogen sulfide. Oxides of carbon. Oxides of nitrogen. Oxides of phosphorus. Oxides of zinc. |

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. |
| Clean-up methods: | Scrape up as much material as possible. Clean residue with soap and water. Store in a closed container until ready for disposal. Refer to Section 8 "Exposure Controls / Personal Protection" prior to clean up. |

7. HANDLING AND STORAGE

| | |
|------------------|---|
| Handling: | Use only with adequate ventilation. 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. |

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 | Included in the regulation but with no data values. See regulation for further details Exposure by all routes should be carefully controlled to levels as low as possible. 5 mg/m ³ TWA Inhalable fraction. | 5 mg/m ³ TWA mist 5 mg/m ³ PEL Mist. | None | None |
| White mineral oil~ | 5 mg/m ³ TWA mist 10 mg/m ³ STEL mist | 5 mg/m ³ TWA mist | None | None |
| Calcium oxide | 2 mg/m ³ TWA | 5 mg/m ³ PEL | None | None |
| Aluminum, tri-m-oxotris(2-propanolato)tri-, cyclo, reaction products with benzoic acid and stearic acid | 1 mg/m ³ TWA Respirable fraction. | None | None | None |
| 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 |
| Mica | 0.1 mg/m ³ TWA Respirable fraction. | 20 MPPCF TWA 15 mg/m ³ PEL Total dust. 5 mg/m ³ PEL Respirable fraction. | None | None |
| Titanium dioxide | 10 mg/m ³ TWA | 15 mg/m ³ PEL Total dust. 15 MPPCF TWA Respirable fraction. 15 mg/m ³ TWA Total dust. 50 MPPCF TWA Total dust. 5 mg/m ³ TWA Respirable fraction. | None | None |
| Quartz (SiO ₂) | 0.025 mg/m ³ TWA Respirable fraction. | 0.05 mg/m ³ TWA (Respirable dust.) (Respirable dust.) 0.025 mg/m ³ OSHA_ACT (Respirable dust.) 0.05 mg/m ³ PEL Respirable dust. 2.4 MPPCF TWA Respirable. 0.1 mg/m ³ TWA Respirable. | None | None |

Engineering controls:

General room ventilation is usually adequate. Local exhaust ventilation is recommended when general ventilation is not sufficient to control airborne contamination below occupational exposure limits.

Respiratory protection:

Observe OSHA regulations for respirator use (29 CFR 1910.134). Use NIOSH approved respirator if there is potential to exceed exposure limit(s).

Eye/face protection:

Safety goggles or safety glasses with side shields. Safety showers and eye wash stations should be available.

Skin protection:

Use chemical resistant, impermeable clothing including gloves and either an apron or body suit to prevent skin contact.

9. PHYSICAL AND CHEMICAL PROPERTIES

| | |
|---|----------------|
| Physical state: | Solid, Paste |
| Color: | Off white |
| Odor: | Mild |
| Odor threshold: | Not available. |
| pH: | Not applicable |
| Vapor pressure: | Not available. |
| Boiling point/range: | Not available. |
| Melting point/ range: | Not available. |
| Specific gravity: | 1.116 |
| Vapor density: | Not available. |
| Flash point: | Not applicable |
| 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: | 0.4 %; 4.7 g/l |
| Viscosity: | Not available. |
| Decomposition temperature: | Not available. |

10. STABILITY AND REACTIVITY

| | |
|--|---|
| Stability: | Stable under normal conditions of storage and use. |
| Hazardous reactions: | Will not occur. |
| Hazardous decomposition products: | Oxides of carbon. Hydrocarbons. Oxides of nitrogen. Oxides of phosphorus. Oxides of zinc. Hydrogen sulfide. |
| Incompatible materials: | Oxidizing agents. |
| Reactivity: | Not available. |
| Conditions to avoid: | Prolonged exposure to heat. |

11. TOXICOLOGICAL INFORMATION

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. Abrasion of cured material such as by sanding or grinding could release respirable particles of silica quartz, a cancer hazard by inhalation. Normal use of this product causes no such release. | |
| Skin contact: | Causes skin irritation. | |
| Eye contact: | Causes serious eye damage. | |
| Ingestion: | Not expected under normal conditions of use. May cause gastrointestinal tract irritation if swallowed. | |

| Hazardous Component(s) | LD50s and LC50s | Immediate and Delayed Health Effects |
|---|--|---|
| White mineral oil (petroleum), highly refined | Inhalation LC50 (Rat, 4 h) = > 5 mg/l | Irritant |
| White mineral oil- | None | Irritant |
| Calcium oxide | Inhalation LC50 (Rat, 4 h) = 40 mg/m ³ Inhalation LC50 (Rat, 4 h) = 160 mg/m ³ | Irritant, Corrosive, Eyes |
| Aluminum, tri-m-oxotris(2-propanolato)tri-, cyclo, reaction products with benzoic acid and stearic acid | None | No Records |
| Calcium fluoride | Oral LD50 (Rat) = 4,250 mg/kg Inhalation LC50 (Rat, 4 h) = > 5,070 mg/m ³ | Teeth, Muscle, Respiratory |
| Mica | None | Lung |
| Titanium dioxide | Inhalation LC50 (Rat, 4 h) = > 6.82 mg/l Inhalation LC50 (Rat, 4 h) = > 2.28 mg/l Inhalation LC50 (Rat, 4 h) = > 3.56 mg/l | Irritant, Respiratory, Some evidence of carcinogenicity |
| Quartz (SiO ₂) | None | Immune system, Lung, Some evidence of carcinogenicity |

| Hazardous Component(s) | NTP Carcinogen | IARC Carcinogen | OSHA Carcinogen (Specifically Regulated) |
|---|-------------------------------|-----------------|--|
| White mineral oil (petroleum), highly refined | No | No | No |
| White mineral oil- | No | No | No |
| Calcium oxide | No | No | No |
| Aluminum, tri-m-oxotris(2-propanolato)tri-, cyclo, reaction products with benzoic acid and stearic acid | No | No | No |
| Calcium fluoride | No | No | No |
| Mica | No | No | No |
| Titanium dioxide | No | Group 2B | No |
| Quartz (SiO ₂) | Known To Be Human Carcinogen. | Group 1 | Yes |

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 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)

IDH number: 302678

Product name: LOCTITE LB 8036 ANTI-SIEZE, WHITE known as White Hi-Temp Anti-Seize
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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 as active or are exempt from listing on the Toxic Substances Control Act (TSCA) 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: This product contains the following toxic chemicals subject to the reporting requirements of section 313 of the Emergency Planning and Community Right-To-Know Act of 1986 (40 CFR 372). Calcium oxide (CAS# 1305-78-8).

California Proposition 65: This product contains a chemical known in the State of California to cause cancer.

Canada Regulatory Information

CEPA DSL/NDSL 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.

16. OTHER INFORMATION

This safety data sheet contains changes from the previous version in sections: 2,8,11,13,15

Prepared by: Product Safety and Regulatory Affairs

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