



Revision Number: 002.1

Issue date: 09/11/2014

1. PRODUCT AND COMPANY IDENTIFICATION

| | | | |
|-------------------------------|------------------------------------------------|---------------------|---------------|
| Product name: | LOCTITE LB 8028 1OZ EN | IDH number: | 1787977 |
| Product type: | Lubricant | Item number: | 1787977 |
| Restriction of Use: | None identified | Region: | United States |
| Company address: | Contact information: | | |
| Henkel Corporation | Telephone: (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

| | |
|--------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| 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* |
|----------------------------------------------------------------------|------------|-------------|
| Distillates (petroleum), hydrotreated heavy naphthenic | 64742-52-5 | 10 - 30 |
| Distillates (petroleum), solvent-refined heavy naphthenic, < 3% DMSO | 64741-96-4 | 10 - 30 |

| | | |
|-------------------------------------------------------|------------|---------|
| Octadecanoic acid, 12-hydroxy-, monolithium salt | 7620-77-1 | 5 - 10 |
| Molybdenum disulphide | 1317-33-5 | 10 - 30 |
| Zinc compound | 68649-42-3 | 10 - 30 |
| Petroleum distillates, hydrotreated, light naphthenic | 64742-53-6 | 10 - 30 |

* Exact percentage is a 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 not breathing, give artificial respiration. If breathing is difficult, give oxygen. Get medical attention. |
| Skin contact: | Remove contaminated clothing and footwear. Wash with soap and water. 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: | If conscious, drink plenty of water. Do not induce vomiting. Keep individual calm. Never give anything by mouth to an unconscious person. Get medical attention. |
| Symptoms: | See Section 11. |

5. FIRE FIGHTING MEASURES

| | |
|-------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------|
| Extinguishing media: | Carbon dioxide, foam, powder |
| Special firefighting procedures: | Wear self-contained breathing apparatus and full protective clothing, such as turn-out gear. |
| Unusual fire or explosion hazards: | In case of fire, keep containers cool with water spray. Closed containers may rupture (due to build up of pressure) when exposed to extreme heat. |
| Hazardous combustion products: | Oxides of carbon, oxides of nitrogen, irritating organic vapors. |

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: | Ensure adequate ventilation. Remove all sources of ignition. Soak up with inert absorbent material (e.g. sand, silica gel, acid binder, universal binder, sawdust). Scrape up spilled material and place in a closed container for disposal. |

7. HANDLING AND STORAGE

| | |
|------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Handling: | Prevent contact with eyes, skin and clothing. Do not breathe vapor and mist. Wash thoroughly after handling. Refer to Section 8. |
| Storage: | Keep in a cool, well ventilated area away from heat, sparks and open flame. Keep container tightly closed until ready for use. For safe storage, store between 8 °C (46.4 °F) and 28 °C (82.4 °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 |
|----------------------------------------------------------------------|--------------------------------------------------------------------------------------|--------------------------------------------------------------------|-----------|-------|
| Distillates (petroleum), hydrotreated heavy naphthenic | 5 mg/m3 TWA mist 10 mg/m3 STEL mist | 5 mg/m3 TWA mist 500 ppm (2,000 mg/m3) PEL 5 mg/m3 PEL Mist. | None | None |
| Distillates (petroleum), solvent-refined heavy naphthenic, < 3% DMSO | None | 500 ppm (2,000 mg/m3) PEL 5 mg/m3 PEL Mist. | None | None |
| Octadecanoic acid, 12-hydroxy-, monolithium salt | None | None | None | None |
| Molybdenum disulphide | 10 mg/m3 TWA (as Mo) Inhalable fraction. 3 mg/m3 TWA (as Mo) Respirable fraction. | 15 mg/m3 PEL (as Mo) Total dust. | None | None |
| Zinc compound | None | None | None | None |
| Petroleum distillates, hydrotreated, light naphthenic | None | 500 ppm (2,000 mg/m3) PEL 5 mg/m3 PEL Mist. | None | None |

Engineering controls:

Provide adequate local exhaust ventilation to maintain worker exposure below 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. 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: | Liquid |
| Color: | Gray |
| Odor: | None |
| Odor threshold: | Not available. |
| pH: | Not available. |
| Vapor pressure: | Not applicable |
| Boiling point/range: | Not applicable |
| Melting point/ range: | Not applicable |
| Specific gravity: | 0.96 |
| Vapor density: | Heavier than air. |
| Flash point: | 193.33 °C (379.99 °F) |
| Flammable/Explosive limits - lower: | Not available. |
| Flammable/Explosive limits - upper: | Not available. |
| Autoignition temperature: | Not available. |
| Evaporation rate: | Less than butyl acetate. |
| Solubility in water: | Not available. |
| Solubility in water: | Nil |
| Partition coefficient (n-octanol/water): | Not available. |
| VOC content: | 0 % |
| Viscosity: | Not available. |
| Decomposition temperature: | Not available. |

10. STABILITY AND REACTIVITY

| | |
|------------------------------------------|-------------------------------------------------------------------|
| Stability: | Stable |
| Hazardous reactions: | Will not occur. |
| Hazardous decomposition products: | Oxides of carbon. Hydrocarbons Acrid smoke and fumes. |
| Incompatible materials: | Strong oxidizing agents. |
| Reactivity: | Not available. |
| Conditions to avoid: | Keep away from heat, ignition sources and incompatible materials. |

11. TOXICOLOGICAL INFORMATION

Relevant routes of exposure: Skin, Inhalation, Eyes

Potential Health Effects/Symptoms

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|----------------------|-----------------------------------------------------------------------------------------------|
| Inhalation: | Inhalation of mist or spray may cause irritation of the respiratory tract and nasal passages. |
| Skin contact: | Causes skin irritation. Rash. |
| Eye contact: | Causes serious eye irritation. |
| Ingestion: | Not expected to be harmful by ingestion. |

| Hazardous Component(s) | LD50s and LC50s | Immediate and Delayed Health Effects |
|----------------------------------------------------------------------|-----------------|--------------------------------------|
| Distillates (petroleum), hydrotreated heavy naphthenic | None | Irritant |
| Distillates (petroleum), solvent-refined heavy naphthenic, < 3% DMSO | None | Irritant |
| Octadecanoic acid, 12-hydroxy-, monolithium salt | None | No Records |
| Molybdenum disulphide | None | No Target Organs |
| Zinc compound | None | No Target Organs |
| Petroleum distillates, hydrotreated, light naphthenic | None | Irritant |

| Hazardous Component(s) | NTP Carcinogen | IARC Carcinogen | OSHA Carcinogen (Specifically Regulated) |
|----------------------------------------------------------------------|----------------|-----------------|------------------------------------------|
| Distillates (petroleum), hydrotreated heavy naphthenic | No | No | No |
| Distillates (petroleum), solvent-refined heavy naphthenic, < 3% DMSO | No | No | No |
| Octadecanoic acid, 12-hydroxy-, monolithium salt | No | No | No |
| Molybdenum disulphide | No | No | No |
| Zinc compound | No | No | No |
| Petroleum distillates, hydrotreated, light naphthenic | 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, Delayed 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). Zinc compound (CAS# 68649-42-3).
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.

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