Revision Number: 006.0

Issue date: 02/10/2025

1. IDENTIFICATION

Product name: **LOCTITE LB 8040**
Product type/ Recommended use: Lubricant
Restriction of Use: None identified
Company address:
Henkel Corporation
One Henkel Way
Rocky Hill, Connecticut 06067

IDH number: 2343777
Item number: 2343777

Region: United States
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
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:

H222 - EXTREMELY FLAMMABLE AEROSOL.
H229 - PRESSURIZED CONTAINER: MAY BURST IF HEATED.
H319 - CAUSES SERIOUS EYE IRRITATION.
H336 - MAY CAUSE DROWSINESS OR DIZZINESS.
H351 - SUSPECTED OF CAUSING CANCER.
H372 - CAUSES DAMAGE TO ORGANS THROUGH PROLONGED OR REPEATED EXPOSURE.

HAZARD CLASS	HAZARD CATEGORY
AEROSOL	1
EYE IRRITATION	2A
CARCINOGENICITY	2
SPECIFIC TARGET ORGAN TOXICITY - SINGLE EXPOSURE	3
SPECIFIC TARGET ORGAN TOXICITY - REPEATED EXPOSURE	1

PICTOGRAM(S)



Precautionary Statements

Prevention:
P201 - Obtain special instructions before use.
P202 - Do not handle until all safety precautions have been read and understood.
P210 - Keep away from heat, sparks, open flames, hot surfaces - no smoking.
P211 - Do not spray on an open flame or other ignition source.
P251 - Do not pierce or burn, even after use.
P260 - Do not breathe dust or fumes.
P264 - Wash affected area thoroughly after handling.
P270 - Do not eat, drink or smoke when using this product.
P271 - Use only outdoors or in a well-ventilated area.
P280 - Wear protective gloves, clothing, eye and face protection.

Response:
P304+P340+P312 - IF INHALED: Remove victim to fresh air and keep at rest in a position comfortable for breathing. Call a POISON CENTER or physician if you feel unwell.
P305+P351+P338 - IF IN EYES: Rinse cautiously with water for several minutes. Remove

	contact lenses, if present and easy to do. Continue rinsing. P308+P313 - IF exposed or concerned: Get medical attention. P337+P313 - If eye irritation persists: Get medical attention.
Storage:	P403+P233 - Store in a well-ventilated place. Keep container tightly closed. P405 - Store locked up. P410+P412 - Protect from sunlight. Do not expose to temperatures exceeding 50°C/122°F.
Disposal:	P501 - Dispose of contents and/or container according to Federal, State/Provincial and local governmental regulations.

Other hazards Not available.

The following percentage of the mixture consists of ingredient(s) with unknown acute oral toxicity: 1 %

The following percentage of the mixture consists of ingredient(s) with unknown acute dermal toxicity: 1 %

The following percentage of the mixture consists of ingredient(s) with unknown acute inhalation toxicity: 1 %

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	Weight %*
1,1-Difluoroethane	75-37-6	60 - 80
acetone	67-64-1	10 - 30
Kerosine (petroleum)	8008-20-6	5 - 10
Ethanol	64-17-5	1 - 5
Naphthalene	91-20-3	1 - 5
Nonylphenol ethoxylate	127087-87-0	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

First Aid Measures by likely routes of exposure

Inhalation:	Move to fresh air. If breathing is difficult, give oxygen. If not breathing, give artificial respiration. If symptoms develop and persist, get medical attention.
Skin contact:	Wash with soap and water. If symptoms develop and persist, get medical attention.
Eye contact:	Rinse immediately with plenty of water, also under the eyelids, for at least 15 minutes. If symptoms develop and persist, get medical attention.
Ingestion:	Do not induce vomiting. Get medical attention.
Most important symptoms and effects (acute and delayed):	The most important known symptoms and effects, both acute and delayed, are described in Section 11: Toxicological Information.
Indication of any immediate medical attention / special treatment needed:	Not available.

5. FIRE FIGHTING MEASURES

Extinguishing media:	Foam, extinguishing powder, carbon dioxide. Do not use high volume water jet.
Improper extinguishing agents:	Not available.
Special firefighting procedures:	Wear self-contained breathing apparatus and full protective clothing, such as turn-out gear.

Unusual fire or explosion hazards: Contents under pressure. Vapors may accumulate in low or confined areas, travel considerable distance to source of ignition, and flash back. Closed containers may explode when exposed to extreme heat. Do not handle or store near an open flame, heat or other sources of ignition. Do not puncture or incinerate pressurized containers. In case of fire, keep containers cool with water spray.

Hazardous combustion products: Oxides of carbon. Toxic and irritating 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: Remove all sources of ignition. Do not allow product to enter sewer or waterways.

Clean-up methods: Absorb the spilled material with an inert absorbent (nonflammable) material. Store in a closed metal container until ready for disposal. Dispose of contaminated material as waste according to Section 13.

7. HANDLING AND STORAGE

Handling: Ensure good ventilation/suction at the workplace. Wear suitable protective clothing, gloves and eye/face protection. Prevent contact with eyes, skin and clothing. Do not breathe vapor and mist. Wash thoroughly after handling. When using do not eat, drink or smoke.

Storage: Keep in a cool, well ventilated area away from heat, sparks and open flame. Keep container tightly closed until ready for use. Store away from ignition sources. Keep out of direct sunlight.

Shelf Life Statement: Not available.

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
1,1-Difluoroethane	None	None	1,000 ppm (2,700 mg/m3) TWA	None
acetone	250 ppm TWA 500 ppm STEL	1,000 ppm (2,400 mg/m3) PEL	None	None
Kerosine (petroleum)	200 mg/m3 TWA (as total hydrocarbon vapor) Non-aerosol. (SKIN) (as total hydrocarbon vapor) Non-aerosol.	None	None	None
Ethanol	1,000 ppm STEL	1,000 ppm (1,900 mg/m3) PEL	None	None
Naphthalene	10 ppm TWA (SKIN)	10 ppm (50 mg/m3) PEL	None	None

Engineering controls: Local exhaust ventilation is recommended when general ventilation is not sufficient to control airborne contamination. Explosion-proof exhaust devices are required. Prevent electrostatic charge build-up by using common bonding and grounding techniques. Provide local ventilation for prolonged use in a confined area. Do not make the container seal gastight.

Respiratory protection: Suitable breathing mask. In case of mist, spray or aerosol exposure wear suitable personal respiratory protection and protective suit. Use a NIOSH approved supplied air respirator with an organic cartridge if the potential to exceed established exposure limits exists.

Eye/face protection: Safety glasses with sideshields or chemical safety goggles should be worn if there is a risk of splashing. Wear face shield as necessary when spraying. Safety showers and eye wash stations should be available.

Skin protection:	Use impermeable gloves and protective clothing as necessary to prevent skin contact.

9. PHYSICAL AND CHEMICAL PROPERTIES

Physical state:	Aerosol
Color:	No information available.
Odor:	no valuation
Odor threshold:	Not available.
pH:	Not available.
Vapor pressure:	Not available.
Boiling point/range:	Not available.
Melting point/ range:	Not available.
Density/Relative density:	0.798 - 0.838 at 25 °C (77°F)
Relative vapor density:	Not available.
Flash point:	-50 °C (-58°F)
Flashback:	This product exhibits flashback when tested for flame extension.
Flammable/Explosive limits - lower:	Not available.
Flammable/Explosive limits - upper:	Not available.
Autoignition temperature:	Not available.
Flammability:	Extremely flammable aerosol.
Evaporation rate:	Not available.
Solubility:	Not available.
Partition coefficient n-octanol/water (logarithmic value):	Not available.
VOC content:	8 %
Dynamic viscosity:	Not available.
Kinematic viscosity:	Not available.
Particle characteristics:	Not available.
Decomposition temperature:	Not available.

10. STABILITY AND REACTIVITY

Stability:	Stable under recommended storage conditions.
Hazardous reactions:	None under normal processing.
Hazardous decomposition products:	Oxides of carbon. Irritating vapors.
Incompatible materials:	None if used properly.
Reactivity:	Not available.
Conditions to avoid:	Keep away from heat, ignition sources and incompatible materials. Exposure to sunlight. Do not puncture, incinerate, or expose to temperatures above 48.9 °C (120 °F).

11. TOXICOLOGICAL INFORMATION

Likely routes of exposure:	Skin, Inhalation, Eyes, Ingestion

Potential Health Effects/Symptoms

Inhalation: Central nervous system depression, including dizziness, drowsiness, fatigue, nausea, headache, unconsciousness. May cause respiratory tract irritation.
Skin contact: May cause skin irritation.
Eye contact: Causes serious eye irritation.
Ingestion: May cause gastrointestinal tract irritation if swallowed. Central nervous system depression, including dizziness, drowsiness, fatigue, nausea, headache, unconsciousness.

Hazardous Component(s)	LD50s and LC50s
1,1-Difluoroethane	Inhalation LC50 (Rat, 4 h) = > 437500 ppm
acetone	Oral LD50 (Mouse) = 5.2 g/kg Oral LD50 (Mouse) = 3,000 mg/kg Oral LD50 (Rabbit) = 5,340 mg/kg Oral LD50 (Rat) = 5,800 mg/kg Oral LD50 (Rat) = 9,800 mg/kg Dermal LD50 (Rabbit) = 20,000 mg/kg Inhalation LC50 (Rat, 4 h) = 76 mg/l Inhalation LC50 (Rat, 4 h) = 50.1 mg/l
Kerosine (petroleum)	Inhalation LC50 (Rat, 4 h) = > 4.6 mg/l Inhalation LC50 (Rat, 4 h) = > 5.2 mg/l Inhalation LC50 (Rat, 4 h) = > 4.3 mg/l Inhalation LC50 (Rat, 4 h) = > 5.68 mg/l Inhalation LC50 (Rat, 4 h) = > 5.28 mg/l Inhalation LC50 (Rat, 4 h) = > 6.03 mg/l Inhalation LC50 (Rat, 4 h) = > 5.3 mg/l Inhalation LC50 (Rat, 4 h) = > 4.5 mg/l
Ethanol	Oral LD50 (Rat) = 9.9 g/kg Oral LD50 (Rat) = 6.2 g/kg Oral LD50 (Rat) = 17.8 g/kg Oral LD50 (Rat) = 11.5 g/kg Oral LD50 (Mouse) = 3,450 mg/kg Oral LD50 (Rat) = 10.6 g/kg Oral LD50 (Rat) = 7,060 mg/kg Inhalation LC50 (Rat, 4 h) = 133.8 mg/l Inhalation LC50 (Rat, 4 h) = 124.7 mg/l Inhalation LC50 (Rat, 4 h) = > 115.9 mg/l Inhalation LC50 (Rat, 4 h) = 130.7 mg/l Inhalation LC50 (Rat, 4 h) = 128.2 mg/l Inhalation LC50 (Rat, 4 h) = 116.9 mg/l Inhalation LC50 (Mouse, 4 h) = 39 mg/l
Naphthalene	Oral LD50 (Rat) = 490 mg/kg Oral LD50 (Rat) = 2.6 g/kg Oral LD50 (Rat) = 2,200 mg/kg Oral LD50 (Rat) = 2,400 mg/kg Dermal LD50 (Rat) = > 20 g/kg Dermal LD50 (Rabbit) = > 2.0 g/kg Inhalation LC50 (Rat, 4 h) = > 0.4 mg/l Inhalation LC50 (Rat, 4 h) = > 78 ppm
Nonylphenol ethoxylate	None

Hazardous Component(s)	Immediate Health Effects	Delayed Health Effects	Chronic Health Effects
1,1-Difluoroethane	Irritant		Cardiac Central nervous system Developmental Respiratory
acetone	Irritant		Central nervous system
Kerosine (petroleum)	Irritant		Blood Bone Marrow Central nervous system Kidney Liver Lung Spleen
Ethanol	Irritant		Central nervous system
Naphthalene	Irritant		Blood Central nervous system Eyes
Nonylphenol ethoxylate			

Hazardous Component(s)	NTP Carcinogen	IARC Carcinogen	OSHA Carcinogen

			(Specifically Regulated)
1,1-Difluoroethane	No	No	No
acetone	No	No	No
Kerosine (petroleum)	No	No	No
Ethanol	Known To Be Human Carcinogen.	Group 1	No
Naphthalene	Reasonably Anticipated to be a Human Carcinogen.	Group 2B	No
Nonylphenol ethoxylate	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.

14. TRANSPORT INFORMATION

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

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

Proper shipping name: Aerosols
Hazard class or division: 2.1
Identification number: UN 1950
Packing group: None
DOT Hazardous Substance(s): Acetone

International Air Transportation (ICAO/IATA)

Proper shipping name: Aerosols, flammable
Hazard class or division: 2.1
Identification number: UN 1950
Packing group: None

Water Transportation (IMO/IMDG)

Proper shipping name: AEROSOLS
Hazard class or division: 2.1
Identification number: UN 1950
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: Please refer to the GHS classification in Section 2

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). Nonylphenol ethoxylate (CAS# 127087-87-0). Naphthalene (CAS# 91-20-3).

CERCLA Reportable quantity: acetone (CAS# 67-64-1) 5,000 lbs. (2,270 kg)
Kerosine (petroleum) (CAS# 8008-20-6) 100 lbs. (45.4 kg)
Ethanol (CAS# 64-17-5) 100 lbs. (45.4 kg)
Naphthalene (CAS# 91-20-3) 100 lbs. (45.4 kg)

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

Canada Regulatory Information

CEPA DSL/NDSL 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: 1,2,3,4,5,8,9,11,15

Prepared by: Product Safety and Regulatory Affairs

Issue date: 02/10/2025

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