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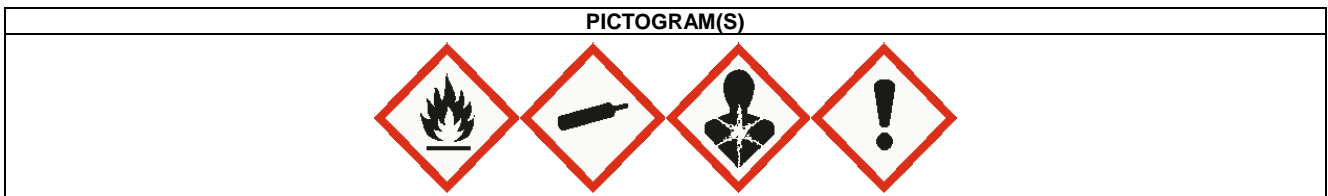
**1. PRODUCT AND COMPANY IDENTIFICATION**

<b>Product name:</b>	<b>LOCTITE LB 8108 SYN GREASE known as LB 8108 SYN GREASE H</b>	<b>IDH number:</b>	1906102
<b>Product type/use:</b>	Lubricant	<b>Item number:</b>	1906102
<b>Restriction of Use:</b>	None identified	<b>Region:</b>	United States
<b>Company address:</b>	Henkel Corporation One Henkel Way Rocky Hill, Connecticut 06067	<b>Contact information:</b>	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	
<b>DANGER:</b>	EXTREMELY FLAMMABLE AEROSOL. CONTAINS GAS UNDER PRESSURE; MAY EXPLODE IF HEATED. MAY BE FATAL IF SWALLOWED AND ENTERS AIRWAYS. CAUSES SKIN IRRITATION. CAUSES SERIOUS EYE IRRITATION. MAY CAUSE DROWSINESS OR DIZZINESS.

HAZARD CLASS	HAZARD CATEGORY
FLAMMABLE AEROSOL.	1
GASES UNDER PRESSURE	Compr. Gas
SKIN IRRITATION	2
EYE IRRITATION	2A
SPECIFIC TARGET ORGAN TOXICITY - SINGLE EXPOSURE	3
ASPIRATION HAZARD	1



**Precautionary Statements**

<b>Prevention:</b>	Keep away from heat, sparks, open flames, hot surfaces - no smoking. Do not spray on an open flame or other ignition source. Do not pierce or burn, even after use. Avoid breathing mist or spray. Wash affected area thoroughly after handling. Use only outdoors or in a well-ventilated area. Wear protective gloves, eye protection, and face protection.
<b>Response:</b>	IF SWALLOWED: Immediately call a physician or poison control center. IF ON SKIN: Wash with plenty of water. 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. IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. Do NOT induce vomiting. If skin irritation occurs: Get medical attention. If eye irritation persists: Get medical attention. Take off contaminated clothing.
<b>Storage:</b>	Store in a well-ventilated place. Keep container tightly closed. Store locked up. Protect from sunlight. Do not expose to temperatures exceeding 50°C/122°F.
<b>Disposal:</b>	Dispose of contents and/or container according to Federal, State/Provincial and local governmental regulations.

2 % of the mixture consists of ingredient(s) of unknown acute toxicity.

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*
acetone	67-64-1	10 - 30
Hydrocarbon aliphatic C4-11 < 0,1% benzene	64742-49-0	10 - 30
Petroleum distillates, solvent-refined heavy paraffinic	64741-88-4	5 - 10
Distillates petroleum, hydrotreated light, <0.1% benzene	64742-47-8	5 - 10
propane	74-98-6	5 - 10
Distillates (petroleum), straight-run middle	64741-44-2	5 - 10
butane (containing $\geq 0,1$ % butadiene (203-450-8))	106-97-8	1 - 5
Calcium dodecylbenzene sulfonate	26264-06-2	1 - 5
Methylcyclohexane	108-87-2	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

<b>Inhalation:</b>	Move to fresh air. If breathing is difficult, give oxygen. If not breathing, give artificial respiration. If symptoms develop and persist, get medical attention.
<b>Skin contact:</b>	Immediately flush skin with plenty of water (using soap, if available). Remove contaminated clothing and footwear. If symptoms develop and persist, get medical attention. Wash clothing before reuse. Thoroughly clean shoes before reuse.
<b>Eye contact:</b>	Immediately flush eyes with plenty of water for at least 15 minutes. Get medical attention.
<b>Ingestion:</b>	Do not induce vomiting: contains petroleum distillates and/or aromatic solvents. Never give anything by mouth to an unconscious person. If vomiting occurs, prevent aspiration by keeping the patient's head below the knees. Get medical attention.
<b>Symptoms:</b>	See Section 11.

### 5. FIRE FIGHTING MEASURES

<b>Extinguishing media:</b>	Use media appropriate for surrounding material.
<b>Special firefighting procedures:</b>	Wear self-contained breathing apparatus and full protective clothing, such as turn-out gear.
<b>Unusual fire or explosion hazards:</b>	Contents under pressure. Vapors may form explosive mixtures with air. Closed containers may rupture (due to build up of pressure) when exposed to extreme heat. In case of fire, keep containers cool with water spray. Do not puncture or incinerate pressurized containers. Do not handle or store near an open flame, heat or other sources of ignition. Hydrocarbon solvents are basically non-conductors of electricity and can become electrostatically charged during mixing, filtering or pumping at high flow rates. If this charge reaches a significantly high level, sparks can form that may ignite vapors of flammable liquids. Vapors may accumulate in low or confined areas, travel considerable distance to source of ignition, and flash back.

Hazardous combustion products:

Oxides of carbon. Oxides of sulfur. Oxides of Metals in Section 3.

## 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. Advise authorities if product has entered or may enter sewers, water sources or extensive land areas. This product is insoluble in water and will float on surface.

**Clean-up methods:**

Remove all sources of ignition. Ensure adequate ventilation. Wear appropriate personal protective equipment. Refer to Section 8 "Exposure Controls / Personal Protection" prior to clean up. Soak up with inert absorbent material (e.g. sand, silica gel, acid binder, universal binder, sawdust). Store in a partly filled, closed container until disposal.

## 7. HANDLING AND STORAGE

**Handling:**

Keep away from heat, spark and flame. During use and until all vapors are gone: Keep area ventilated - do not smoke; extinguish all flames, pilot lights, and heaters; turn off stoves, electrical tools and appliances, and any other sources of ignition. Do not puncture or incinerate pressurized containers. Prevent contact with eyes, skin and clothing. Do not breathe vapor and mist. Wash thoroughly after handling. Do not taste or swallow. Use only with adequate ventilation.

**Storage:**

For safe storage, store between -20 °C (-4°F) and 50 °C (122°F) Keep in a cool, well ventilated area. Keep away from heat, spark and flame. Do not puncture, incinerate, or expose to temperatures above 48.9 °C (120 °F). Protect from direct sunlight.

## 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
acetone	250 ppm TWA 500 ppm STEL	1,000 ppm (2,400 mg/m3) PEL	None	None
Hydrocarbon aliphatic C4-11 < 0,1% benzene	None	100 ppm (400 mg/m3) PEL	None	None
Petroleum distillates, solvent-refined heavy paraffinic	Exposure by all routes should be carefully controlled to levels as low as possible. Included in the regulation but with no data values. See regulation for further details	5 mg/m3 PEL Mist. 500 ppm (2,000 mg/m3) PEL	None	None
Distillates petroleum, hydrotreated light, <0.1% benzene	None	None	None	None
propane	D: Simple asphyxiant, EX: Explosion hazard (Simple asphyxiant.)	1,000 ppm (1,800 mg/m3) PEL	None	None
Distillates (petroleum), straight-run middle	5 mg/m3 TWA mist	5 mg/m3 TWA mist	None	None
butane (containing ≥ 0,1 % butadiene (203-450-8))	1,000 ppm STEL (Simple asphyxiant.)	None	None	None
Calcium dodecylbenzene sulfonate	None	None	None	None
Methylcyclohexane	400 ppm TWA	500 ppm (2,000 mg/m3) PEL	None	None

**Engineering controls:**

Use explosion-proof mechanical ventilation and local exhaust to control contaminants to within their occupational exposure limits during the use of this product.

<b>Respiratory protection:</b>	Use a NIOSH approved air-purifying respirator with an organic vapor cartridge.
<b>Eye/face protection:</b>	Safety goggles or safety glasses with side shields. Full face protection should be used if the potential for splashing or spraying of product exists.
<b>Skin protection:</b>	Use chemical resistant, impermeable clothing including gloves and either an apron or body suit to prevent skin contact.

## 9. PHYSICAL AND CHEMICAL PROPERTIES

<b>Physical state:</b>	Aerosol
<b>Color:</b>	White to tan
<b>Odor:</b>	Solvent
<b>Odor threshold:</b>	Not available.
<b>pH:</b>	Not available.
<b>Vapor pressure:</b>	Not available.
<b>Boiling point/range:</b>	-18 - 100 °C (0.4 - 212°F)
<b>Melting point/ range:</b>	Not available.
<b>Specific gravity:</b>	0.81
<b>Vapor density:</b>	Not available.
<b>Flash point:</b>	-29 °C (-20.2 °F)
<b>Flammable/Explosive limits - lower:</b>	Not available.
<b>Flammable/Explosive limits - upper:</b>	Not available.
<b>Autoignition temperature:</b>	Not available.
<b>Flammability:</b>	Extremely flammable aerosol.
<b>Evaporation rate:</b>	Not available.
<b>Solubility in water:</b>	Not available.
<b>Partition coefficient (n-octanol/water):</b>	Not available.
<b>VOC content:</b>	25 %
<b>Viscosity:</b>	Not available.
<b>Decomposition temperature:</b>	Not available.

## 10. STABILITY AND REACTIVITY

<b>Stability:</b>	Stable under normal conditions of storage and use.
<b>Hazardous reactions:</b>	None under normal processing.
<b>Hazardous decomposition products:</b>	Oxides of carbon. Oxides of sulfur. Oxides of Metals in Section 3.
<b>Incompatible materials:</b>	Oxidizing agents.
<b>Reactivity:</b>	Not available.
<b>Conditions to avoid:</b>	Keep away from heat, ignition sources and incompatible materials. Vapors may form explosive mixtures with air. Do not puncture, incinerate, or expose to temperatures above 48.9 °C (120 °F). Protect from direct sunlight.

## 11. TOXICOLOGICAL INFORMATION

<b>Relevant routes of exposure:</b>	Skin, Inhalation, Eyes, Ingestion
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**Potential Health Effects/Symptoms**

**Inhalation:** May cause respiratory tract irritation. May cause central nervous system effects with nausea, dizziness and headache. Extreme overexposure may result in unconsciousness and possibly death.

**Skin contact:** Causes skin irritation.

**Eye contact:** Causes serious eye irritation.

**Ingestion:** Ingestion of larger amounts may cause defects to the central nervous system (e.g. dizziness, headache). Principal hazard of ingestion is aspiration into the lungs and subsequent pneumonitis.

Hazardous Component(s)	LD50s and LC50s	Immediate and Delayed Health Effects
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	Central nervous system, Irritant
Hydrocarbon aliphatic C4-11 < 0,1% benzene	Inhalation LC50 (Rat, 4 h) = > 4.96 mg/l Inhalation LC50 (Rat, 4 h) = 13700 ppm Inhalation LC50 (Rat, 4 h) = > 5,100 mg/m3 Inhalation LC50 (Rat, 4 h) = > 5,280 mg/m3 Inhalation LC50 (Rat, 4 h) = > 5,000 mg/m3 Inhalation LC50 (Rat, 4 h) = > 5,830 mg/m3 Inhalation LC50 (Rat, 4 h) = 30 mg/l Inhalation LC50 (Rat, 4 h) = > 5,080 mg/m3 Inhalation LC50 (Rat, 4 h) = > 5,160 mg/m3 Inhalation LC50 (Rat, 4 h) = > 4,970 mg/m3 Inhalation LC50 (Rat, 4 h) = > 5,170 mg/m3 Inhalation LC50 (Rat, 4 h) = > 4,420 mg/m3 Inhalation LC50 (Rat, 4 h) = > 5,050 mg/m3 Inhalation LC50 (Rat, 4 h) = > 5,020 mg/m3 Inhalation LC50 (Rat, 4 h) = > 5,220 mg/m3 Inhalation LC50 (Rat, 4 h) = > 5,000 mg/m3 Inhalation LC50 (Rat, 4 h) = > 5,200 mg/m3 Inhalation LC50 (Rat, 4 h) = > 5,240 mg/m3 Inhalation LC50 (Rat, 4 h) = > 7,970 mg/m3 Inhalation LC50 (Rat, 4 h) = 43,767 mg/m3 Inhalation LC50 (Rat, 4 h) = > 8,530 mg/m3 Inhalation LC50 (Rat, 4 h) = > 5,260 mg/m3 Inhalation LC50 (Rat, 4 h) = > 7,300 mg/m3 Inhalation LC50 (Rat, 4 h) = > 5,300 mg/m3 Inhalation LC50 (Rat, 4 h) = > 5.07 mg/l Inhalation LC50 (Rat, 4 h) = > 5.36 mg/l Inhalation LC50 (Rat, 4 h) = > 5,300 mg/m3 Inhalation LC50 (Rat, 4 h) = > 5,470 mg/m3 Inhalation LC50 (Rat, 4 h) = > 5,610 mg/m3 Inhalation LC50 (Rat, 4 h) = > 7,630 mg/m3 Inhalation LC50 (Rat, 4 h) = > 5,000 mg/m3 Inhalation LC50 (Rat, 4 h) = > 4,980 mg/m3 Inhalation LC50 (Rat, 4 h) = 25.7 mg/l Inhalation LC50 (Rat, 4 h) = 28.1 mg/l Inhalation LC50 (Rat, 4 h) = > 5,740 mg/m3 Inhalation LC50 (Rat, 4 h) = > 5 mg/l Inhalation LC50 (Rat, 4 h) = > 5,040 mg/m3 Inhalation LC50 (Rat, 4 h) = >= 5,060 mg/m3 Inhalation LC50 (Rat, 4 h) = > 5,250 mg/m3 Inhalation LC50 (Rat, 4 h) = > 5.1 mg/l	Central nervous system, Irritant, Kidney, Lung

Petroleum distillates, solvent-refined heavy paraffinic	Inhalation LC50 (Rat, 4 h) => 5.2 mg/l Inhalation LC50 (Rat, 4 h) => 3.9 mg/l Inhalation LC50 (Rat, 4 h) => 2.4 mg/l Inhalation LC50 (Rat, 4 h) = 5.7 mg/l Inhalation LC50 (Rat, 4 h) => 5 mg/l Inhalation LC50 (Rat, 4 h) =< 5.7 mg/l Inhalation LC50 (Rat, 4 h) => 5.53 mg/l Inhalation LC50 (Rat, 4 h) = 9.6 mg/l Inhalation LC50 (Rat, 4 h) = 10.5 mg/l Inhalation LC50 (Rat, 4 h) => 5.2 mg/l Inhalation LC50 (Rat, 4 h) = 10.5 mg/l Inhalation LC50 (Rat, 4 h) => 5 mg/l Inhalation LC50 (Rat, 4 h) => 5.3 mg/l Inhalation LC50 (Rat, 4 h) => 5.3 mg/l Inhalation LC50 (Rat, 4 h) => 5 mg/l Inhalation LC50 (Rat, 4 h) = 2.18 mg/l Inhalation LC50 (Rat, 4 h) => 5 mg/l Inhalation LC50 (Rat, 4 h) => 2.5 mg/l Inhalation LC50 (Rat, 4 h) => 4.7 mg/l Inhalation LC50 (Rat, 4 h) = 9.6 mg/l Inhalation LC50 (Rat, 4 h) => 3.9 mg/l Inhalation LC50 (Rat, 4 h) => 4.026 mg/l	Irritant
Distillates petroleum, hydrotreated light, <0.1% benzene	Inhalation LC50 (Rat, 4 h) => 4.6 mg/l Inhalation LC50 (Rat, 4 h) => 4.3 mg/l Inhalation LC50 (Rat, 4 h) => 4.5 mg/l Inhalation LC50 (Rat, 4 h) => 5.68 mg/l Inhalation LC50 (Rat, 4 h) => 5.3 mg/l Inhalation LC50 (Rat, 4 h) => 5.28 mg/l Inhalation LC50 (Rat, 4 h) => 5.2 mg/l Inhalation LC50 (Rat, 4 h) => 6.03 mg/l	Irritant, Lung
propane	Inhalation LC50 (Rat, 4 h) => 13023 ppm Inhalation LC50 (Rat, 4 h) => 13023 ppm	Cardiac, Central nervous system, Irritant
Distillates (petroleum), straight-run middle	Inhalation LC50 (Rat, 4 h) = 1.78 mg/l Inhalation LC50 (Rat, 4 h) = 1.72 mg/l Inhalation LC50 (Rat, 4 h) = 1.82 mg/l	Irritant
butane (containing ≥ 0,1 % butadiene (203-450-8))	Inhalation LC50 (Rat, 4 h) => 13023 ppm Inhalation LC50 (Rat, 4 h) => 13023 ppm	Cardiac, Central nervous system, Irritant
Calcium dodecylbenzene sulfonate	None	Eyes, Irritant
Methylcyclohexane	None	Central nervous system, Irritant, Kidney, Liver

Hazardous Component(s)	NTP Carcinogen	IARC Carcinogen	OSHA Carcinogen (Specifically Regulated)
acetone	No	No	No
Hydrocarbon aliphatic C4-11 < 0,1% benzene	No	No	No
Petroleum distillates, solvent-refined heavy paraffinic	Known To Be Human Carcinogen.	Group 1	No
Distillates petroleum, hydrotreated light, <0.1% benzene	No	No	No
propane	No	No	No
Distillates (petroleum), straight-run middle	No	No	No
butane (containing ≥ 0,1 % butadiene (203-450-8))	No	No	No
Calcium dodecylbenzene sulfonate	No	No	No
Methylcyclohexane	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. Do not puncture or incinerate pressurized containers.

## 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:** 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:** Fire, Pressure, Immediate Health, Delayed Health  
**CERCLA/SARA Section 313:** None above reporting de minimis.  
**CERCLA Reportable quantity:** acetone (CAS# 67-64-1) 5,000 lbs. (2,270 kg)  
propane (CAS# 74-98-6) 100 lbs. (45.4 kg)  
butane (containing  $\geq 0,1$  % butadiene (203-450-8)) (CAS# 106-97-8) 100 lbs. (45.4 kg)  
Methylcyclohexane (CAS# 108-87-2) 100 lbs. (45.4 kg)

**California Proposition 65:** This product contains a chemical known in the State of California to cause cancer. This product contains a chemical known to the State of California to cause birth defects or other reproductive harm.

### 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: 2,3,8,11,13,15

**Prepared by:** Product Safety and Regulatory Affairs

**Issue date:** 04/30/2021

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