

LCT 39901

51825

# Safety Data Sheet



111-123

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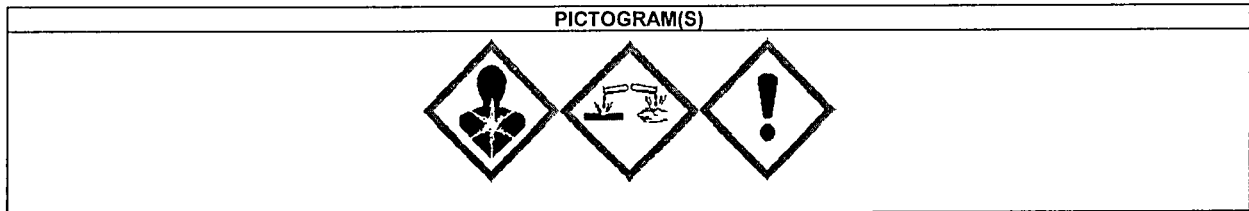
## 1. PRODUCT AND COMPANY IDENTIFICATION

<b>Product name:</b>	LOCTITE LB 8044 ZN A/S known as Zinc Anti-Seize	<b>IDH number:</b>	233507
<b>Product type/use:</b>	Lubricant	<b>Item number:</b>	39901
<b>Restriction of Use:</b>	None identified	<b>Region:</b>	Canada
<b>Company address:</b>	<b>Contact information:</b>		
Henkel Canada Corporation	Telephone: +1 (905) 814-6511		
Meadowpine Boulevard 2515	MEDICAL EMERGENCY Phone: Poison Control Center 1-877-671-4608 (toll free) or 1-303-592-1711		
Mississauga, Ontario L5N 6C3	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>	HARMFUL IF SWALLOWED. CAUSES SKIN IRRITATION. CAUSES SERIOUS EYE DAMAGE. MAY CAUSE RESPIRATORY IRRITATION. MAY CAUSE DROWSINESS OR DIZZINESS. MAY DAMAGE FERTILITY OR THE UNBORN CHILD. CAUSES DAMAGE TO ORGANS THROUGH PROLONGED OR REPEATED EXPOSURE.

HAZARD CLASS	HAZARD CATEGORY
ACUTE TOXICITY ORAL	4
SKIN IRRITATION	2
SERIOUS EYE DAMAGE	1
REPRODUCTIVE TOXICITY	1A
SPECIFIC TARGET ORGAN TOXICITY - SINGLE EXPOSURE	3
SPECIFIC TARGET ORGAN TOXICITY - REPEATED EXPOSURE	1



### Precautionary Statements

**Prevention:** Obtain special instructions before use. Do not handle until all safety precautions have been read and understood. Do not breathe vapors, mist, or spray. Wash affected area thoroughly after handling. Do not eat, drink or smoke when using this product. Use only outdoors or in a well-ventilated area. Wear protective gloves, clothing, eye and face protection.

**Response:** IF SWALLOWED: Rinse mouth. Do NOT induce vomiting. 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. IF exposed or concerned: Get medical attention. If skin irritation occurs: Get

IDH number: 233507

Product name: LOCTITE LB 8044 ZN A/S known as Zinc Anti-Seize

**Storage:**  
**Disposal:**

medical attention. Take off contaminated clothing.  
Store in a well-ventilated place. Keep container tightly closed. Store locked up.  
Dispose of contents and/or container according to Federal, State/Provincial and local governmental regulations.

Classification complies with Canadian Hazardous Products Regulations (WHMIS 2015) and is consistent with the provision 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 %*
Petrolatum	8009-03-8	30 - 60
Zinc	7440-66-6	30 - 60
Zinc oxide	1314-13-2	1 - 5
Silica, amorphous, fumed, crystal-free	112945-52-5	0.1 - 1
Calcium oxide	1305-78-8	0.1 - 1
Lead	7439-92-1	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 not breathing, give artificial respiration. If breathing is difficult, give oxygen. Get medical attention.
<b>Skin contact:</b>	If high pressure forces the product under the skin get immediate medical attention. Wash with soap and water. If hot material contacts the skin, immediately cool before attempting removal. If symptoms develop and persist, get medical attention.
<b>Eye contact:</b>	Immediately flush eyes with plenty of water for at least 15 minutes. Get medical attention.
<b>Ingestion:</b>	Get medical attention. Never give anything by mouth to an unconscious person. Do not induce vomiting. Aspiration may cause pulmonary edema and pneumonitis.
<b>Symptoms:</b>	See Section 11.

### 5. FIRE FIGHTING MEASURES

<b>Extinguishing media:</b>	Water spray (fog), foam, dry chemical or carbon dioxide.
<b>Special firefighting procedures:</b>	Wear self-contained breathing apparatus and full protective clothing, such as turn-out gear. Water spray may be ineffective. Oil will float on water and can spread fire.
<b>Unusual fire or explosion hazards:</b>	Closed containers may explode when exposed to extreme heat.
<b>Hazardous combustion products:</b>	Acrid smoke and fumes. Oxides of carbon.

### 6. ACCIDENTAL RELEASE MEASURES

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

<b>Environmental precautions:</b>	Do not allow product to enter sewer or waterways.
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**Clean-up methods:**

Scrape up as much material as possible. Clean residue with soap and water. Contaminated surfaces will be extremely slippery. 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 away from heat, sparks and open flame. Keep container tightly closed until ready for use.

**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
Petrolatum	5 mg/m3 TWA Inhalable fraction.	5 mg/m3 PEL Mist.	None	None
Zinc	10 mg/m3 TWA Inhalable dust. 3 mg/m3 TWA Respirable fraction.	15 mg/m3 TWA Total dust. 5 mg/m3 TWA Respirable fraction.	None	None
Zinc oxide	2 mg/m3 TWA Respirable fraction. 10 mg/m3 STEL Respirable fraction.	5 mg/m3 PEL Fume. 5 mg/m3 PEL Respirable fraction. 15 mg/m3 PEL Total dust.	None	None
Silica, amorphous, fumed, crystal-free	10 mg/m3 TWA Inhalable dust. 3 mg/m3 TWA Respirable fraction.	20 MPPCF TWA 0.8 mg/m3 TWA	None	None
Calcium oxide	2 mg/m3 TWA	5 mg/m3 PEL	None	None
Lead	0.05 mg/m3 TWA (as Pb)	0.05 mg/m3 TWA 0.03 mg/m3 OSHA_ACT	None	None

**Engineering controls:**

Use only with adequate ventilation. Provide adequate local exhaust ventilation to maintain worker exposure below exposure limits.

**Respiratory protection:**

Observe OSHA regulations for respirator use (29 CFR 1910.134). If personal exposure cannot be controlled below applicable limits by ventilation, wear a properly fitted organic vapor/particulate respirator approved by NIOSH.

**Eye/face protection:**

Safety goggles or safety glasses with side shields. 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:**

Paste

**Color:**

Gray

**Odor:**

Mild, Petroleum

**Odor threshold:**

Not available.

<b>pH:</b>	Not available.
<b>Vapor pressure:</b>	Not available.
<b>Boiling point/range:</b>	Not available.
<b>Melting point/ range:</b>	Not available.
<b>Specific gravity:</b>	1.3056
<b>Vapor density:</b>	Heavier than air.
<b>Flash point:</b>	160 °C (320°F) HST-US D09F; Flash/Fire Point By Cleveland Open Cup
<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>	Not applicable
<b>Evaporation rate:</b>	Less than butyl acetate.
<b>Solubility in water:</b>	Negligible
<b>Partition coefficient (n-octanol/water):</b>	Not determined
<b>VOC content:</b>	Essentially Zero
<b>Viscosity:</b>	Not available.
<b>Decomposition temperature:</b>	Not available.

## 10. STABILITY AND REACTIVITY

<b>Stability:</b>	Stable under recommended storage conditions.
<b>Hazardous reactions:</b>	None under normal processing.
<b>Hazardous decomposition products:</b>	Oxides of carbon. Irritating fumes.
<b>Incompatible materials:</b>	Oxidizing agents. Strong acids and strong bases.
<b>Reactivity:</b>	Not available.
<b>Conditions to avoid:</b>	Elevated temperatures. Heat, flames, sparks and other sources of ignition. Store away from incompatible materials.

## 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. Inhalation of high levels of zinc compounds may cause tightness of chest, metallic taste, cough, dizziness, fever, chills, headache, nausea, and dry throat.

**Skin contact:** Causes skin irritation.

**Eye contact:** This product is severely irritating to the eyes and may cause irreversible damage including burns and blindness.

**Ingestion:** Harmful if swallowed. Central nervous system depression, including dizziness, drowsiness, fatigue, nausea, headache, unconsciousness.

Hazardous Component(s)	LD50s and LC50s	Immediate and Delayed Health Effects
Petrolatum	None	Irritant
Zinc	Oral LD50 (Rat) = 630 mg/kg	Blood, Central nervous system, Eyes, Immune system, Irritant, Kidney, Metabolic, Pancreas, Respiratory
Zinc oxide	Oral LD50 (Mouse) = 7,950 mg/kg Oral LD50 (Rat) = > 5 g/kg	Blood, Gastrointestinal, Immune system, Irritant, Kidney, Metabolic, Nervous System, Pancreas, Respiratory, Skin
Silica, amorphous, fumed, crystal-free	None	Nuisance dust
Calcium oxide	None	Irritant, Corrosive, Eyes
Lead	None	Behavioral, Blood, Developmental, Eyes, Gastrointestinal, Kidney, Liver, Muscle, Nervous System, Reproductive, Skin, Some evidence of carcinogenicity, Thyroid

Hazardous Component(s)	NTP Carcinogen	IARC Carcinogen	OSHA Carcinogen (Specifically Regulated)
Petrolatum	No	No	No
Zinc	No	No	No
Zinc oxide	No	No	No
Silica, amorphous, fumed, crystal-free	No	No	No
Calcium oxide	No	No	No
Lead	Reasonably Anticipated to be a Human Carcinogen.	Group 2B	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 package/configuration.

**Canada Transportation of Dangerous Goods - Ground**

**Proper shipping name:** Not regulated  
**Hazard class or division:** None  
**Identification number:** None  
**Packing group:** None

**International Air Transportation (ICAO/IATA)**

**Proper shipping name:** Environmentally hazardous substance, liquid, n.o.s. (Zinc powder)  
**Hazard class or division:** 9  
**Identification number:** UN 3082  
**Packing group:** III

**Water Transportation (IMO/IMDG)**

**Proper shipping name:** ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S. (Zinc powder)  
**Hazard class or division:** 9  
**Identification number:** UN 3082  
**Packing group:** III  
**Marine pollutant:** Zinc powder

**15. REGULATORY INFORMATION**

**Canada Regulatory Information**

**CEPA DSL/NDL Status:** All components are listed on or are exempt from listing on the Canadian Domestic Substances List.

**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.

**16. OTHER INFORMATION**

**This safety data sheet contains changes from the previous version in sections: 2**

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

**Issue date:** 09/05/2019

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