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SDS

**Common Name:** LOCTITE LB 8009 HEAVY DUTY ANTI-SEIZE KNOWN AS HEAVY DUTY ANTI-SEIZE, 51605**Manufacturer:** HENKEL**SDS Revision Date:** 1/3/2019**SDS Format:** GHS-US**Item Number(s):** 4KM74**Manufacturer Model Number(s):**

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HENKEL

SAFETY DATA SHEET

REVISION NUMBER: 006.0

ISSUE DATE: 01/03/2019

### 1. PRODUCT AND COMPANY IDENTIFICATION



PRODUCT NAME:

LOCTITE LB 8009 HEAVY DUTY ANTI-SEIZE KNOWN AS HEAVY DUTY ANTI-SEIZE

PRODUCT TYPE: LUBRICANT

RESTRICTION OF USE: NONE IDENTIFIED

IDH NUMBER: 234347

ITEM NUMBER: 51605

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:

WARNING:  
CAUSES SKIN IRRITATION.  
CAUSES SERIOUS EYE IRRITATION.

HAZARD CLASS	HAZARD CATEGORY
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SKIN IRRITATION	2
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EYE IRRITATION	2A
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PICTOGRAM(S) : EXCLAMATION MARK

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.

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*
CALCIUM FLUORIDE	7789-75-5	10 - 30
DISTILLATES (PETROLEUM), SOLVENT-REFINED HEAVY PARAFFINIC	64741-88-4	10 - 30
DISTILLATES (PETROLEUM), SOLVENT-DEWAXED HEAVY PARAFFINIC <3% DMSO	64742-65-0	10 - 30
GRAPHITE	7782-42-5	10 - 30
CALCIUM DISTEARATE	1592-23-0	5 - 10
DISTILLATES (PETROLEUM), HYDROTREATED HEAVY NAPHTHENIC	64742-52-5	5 - 10
PETROLEUM DISTILLATES, HYDROTREATED, LIGHT NAPHTHENIC	64742-53-6	5 - 10
CALCIUM DODECYLBENZENE SULFONATE	26264-06-2	1 - 5
RESIDUAL OILS (PETROLEUM), SOLVENT-REFINED, <3% DMSO	64742-01-4	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



INHALATION: MOVE TO FRESH AIR. IF SYMPTOMS PERSIST, SEEK MEDICAL ADVICE.

SKIN CONTACT:

WASH WITH SOAP AND WATER. IF SYMPTOMS DEVELOP AND PERSIST, GET MEDICAL ATTENTION.

EYE CONTACT:

IMMEDIATELY FLUSH EYES WITH PLENTY OF WATER FOR AT LEAST 15 MINUTES. GET MEDICAL ATTENTION.

INGESTION:

DO NOT INDUCE VOMITING. NEVER GIVE ANYTHING BY MOUTH TO AN UNCONSCIOUS PERSON. GET MEDICAL ATTENTION.

SYMPTOMS: SEE SECTION 11.

#### 5. FIRE FIGHTING MEASURES



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.

UNUSUAL FIRE OR EXPLOSION HAZARDS:

CLOSED CONTAINERS MAY RUPTURE (DUE TO BUILD UP OF PRESSURE) WHEN EXPOSED TO EXTREME HEAT.

HAZARDOUS COMBUSTION PRODUCTS:

OXIDES OF CARBON. TOXIC AND IRRITATING VAPORS. TRACES OF OXIDES OF SULFUR. MAY RELEASE TRACE QUANTITIES OF FLUORIDE.

**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 MATERIAL TO CONTAMINATE GROUND WATER SYSTEM.

**CLEAN-UP METHODS:**

SCRAPE UP AS MUCH MATERIAL AS POSSIBLE. CLEAN RESIDUE WITH SOAP AND WATER. FOLLOW ALL LOCAL, STATE, FEDERAL AND PROVINCIAL REGULATIONS FOR DISPOSAL.

**7. HANDLING AND STORAGE****HANDLING:**

KEEP CONTAINER CLOSED. AVOID CONTACT WITH EYES, SKIN AND CLOTHING. WASH THOROUGHLY AFTER HANDLING.

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
CALCIUM FLUORIDE	2.5 MG/M3 TWA (AS F)	2.5 MG/M3 PEL (AS F) 2.5 MG/M3 TWA DUST.
DISTILLATES (PETROLEUM), SOLVENT-REFINED HEAVY PARAFFINIC	5 MG/M3 TWA INHALABLE FRACTION.	500 PPM (2,000 MG/M3) PEL
	5 MG/M3 TWA MIST	5 MG/M3 PEL MIST.
	10 MG/M3 STEL MIST	5 MG/M3 TWA MIST
DISTILLATES (PETROLEUM), SOLVENT-DEWAXED HEAVY PARAFFINIC <3% DMSO	5 MG/M3 TWA INHALABLE FRACTION.	500 PPM (2,000 MG/M3) PEL
		5 MG/M3 PEL MIST.
GRAPHITE	2 MG/M3 TWA RESPIRABLE FRACTION.	5 MG/M3 PEL RESPIRABLE FRACTION.
		15 MG/M3 PEL TOTAL DUST.
		15 MPPCF TWA
CALCIUM DISTEARATE	3 MG/M3 TWA RESPIRABLE FRACTION.	NONE
	3 MG/M3 TWA RESPIRABLE FRACTION.	
	10 MG/M3 TWA INHALABLE FRACTION.	

DISTILLATES (PETROLEUM), HYDROTREATED HEAVY NAPHTHENIC	5 MG/M3 TWA INHALABLE FRACTION.	500 PPM (2,000 MG/M3) PEL  5 MG/M3 PEL MIST.
PETROLEUM DISTILLATES, HYDROTREATED, LIGHT NAPHTHENIC	5 MG/M3 TWA INHALABLE FRACTION.	500 PPM (2,000 MG/M3) PEL  5 MG/M3 PEL MIST.
CALCIUM DODECYLBENZENE SULFONATE	NONE	NONE
RESIDUAL OILS (PETROLEUM), SOLVENT-REFINED, <3% DMSO	INCLUDED IN THE REGULATION BUT WITH NO DATA VALUES. SEE REGULATION FOR FURTHER DETAILS  5 MG/M3 TWA INHALABLE FRACTION.  EXPOSURE BY ALL ROUTES SHOULD BE CAREFULLY CONTROLLED TO LEVELS AS LOW AS POSSIBLE.	NONE

HAZARDOUS COMPONENT(S)	AIHA WEEL	OTHER
CALCIUM FLUORIDE	NONE	NONE
DISTILLATES (PETROLEUM), SOLVENT-REFINED HEAVY PARAFFINIC	NONE	NONE
DISTILLATES (PETROLEUM), SOLVENT-DEWAXED HEAVY PARAFFINIC <3% DMSO	NONE	NONE
GRAPHITE	NONE	NONE
CALCIUM DISTEARATE	NONE	NONE
DISTILLATES (PETROLEUM), HYDROTREATED HEAVY NAPHTHENIC	NONE	NONE
PETROLEUM DISTILLATES, HYDROTREATED, LIGHT NAPHTHENIC	NONE	NONE
CALCIUM DODECYLBENZENE SULFONATE	NONE	NONE
RESIDUAL OILS (PETROLEUM), SOLVENT-REFINED, <3% DMSO	NONE	NONE

## ENGINEERING CONTROLS:

USE ONLY WITH ADEQUATE VENTILATION. LOCAL EXHAUST VENTILATION IS RECOMMENDED WHEN GENERAL VENTILATION IS NOT SUFFICIENT TO CONTROL AIRBORNE CONTAMINATION BELOW OCCUPATIONAL 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.

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: CHARACTERISTIC  
ODOR THRESHOLD: NOT AVAILABLE.  
PH: NOT APPLICABLE  
VAPOR PRESSURE: NOT AVAILABLE.  
BOILING POINT/RANGE: 550 DEG. F (287.8 DEG. C)  
MELTING POINT/RANGE: NOT AVAILABLE.  
SPECIFIC GRAVITY: 1.18  
VAPOR DENSITY: HEAVIER THAN AIR.  
FLASH POINT: >93 DEG. C (>199.4 DEG. F)  
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: <3% ESSENTIALLY ZERO (EXEMPT COMPOUNDS)  
VISCOSITY: NOT AVAILABLE.  
DECOMPOSITION TEMPERATURE: NOT AVAILABLE.

## 10. STABILITY AND REACTIVITY



STABILITY: STABLE AT NORMAL CONDITIONS.  
HAZARDOUS REACTIONS: WILL NOT OCCUR.  
HAZARDOUS DECOMPOSITION PRODUCTS:  
OXIDES OF CARBON. HYDROCARBONS. IRRITATING ORGANIC VAPOURS. TRACES OF  
OXIDES OF SULFUR. MAY RELEASE TRACE QUANTITIES OF FLUORIDE.  
INCOMPATIBLE MATERIALS: OXIDIZING AGENTS.  
REACTIVITY: NOT AVAILABLE.  
CONDITIONS TO AVOID: STORE AWAY FROM INCOMPATIBLE MATERIALS.



## 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.

SKIN CONTACT: CAUSES SKIN IRRITATION.

EYE CONTACT: CAUSES SERIOUS EYE IRRITATION.

INGESTION: MAY CAUSE GASTROINTESTINAL TRACT IRRITATION IF SWALLOWED.

HAZARDOUS COMPONENT(S)	LD50S AND LC50S	IMMEDIATE AND DELAYED HEALTH EFFECTS	
CALCIUM FLUORIDE	ORAL LD50 (RAT): 4,250 MG/KG	TEETH, MUSCLE, RESPIRATORY	
DISTILLATES (PETROLEUM), SOLVENT-REFINED HEAVY PARAFFINIC	NONE	IRRITANT	
DISTILLATES (PETROLEUM), SOLVENT-DEWAXED HEAVY PARAFFINIC <3% DMSO	NONE	IRRITANT	
GRAPHITE	NONE	LUNG	
CALCIUM DISTEARATE	NONE	NO TARGET ORGANS	
DISTILLATES (PETROLEUM), HYDROTREATED HEAVY NAPHTHENIC	NONE	IRRITANT	
PETROLEUM DISTILLATES, HYDROTREATED, LIGHT NAPHTHENIC	NONE	IRRITANT	
CALCIUM DODECYLBENZENE SULFONATE	NONE	EYES, IRRITANT	
RESIDUAL OILS (PETROLEUM), SOLVENT-REFINED, <3% DMSO	NONE	IRRITANT	
HAZARDOUS COMPONENT(S)	NTP CARCINOGEN	IARC CARCINOGEN	OSHA CARCINOGEN (SPECIFICALLY REGULATED)
CALCIUM FLUORIDE	NO	NO	NO
DISTILLATES (PETROLEUM), SOLVENT-REFINED HEAVY PARAFFINIC	NO	NO	NO
DISTILLATES (PETROLEUM), SOLVENT-DEWAXED HEAVY PARAFFINIC <3% DMSO	NO	NO	NO
GRAPHITE	NO	NO	NO

CALCIUM DISTEARATE	NO	NO	NO
DISTILLATES (PETROLEUM), HYDROTREATED HEAVY NAPHTHENIC	NO	NO	NO
PETROLEUM DISTILLATES, HYDROTREATED, LIGHT NAPHTHENIC	NO	NO	NO
CALCIUM DODECYLBENZENE SULFONATE	NO	NO	NO
RESIDUAL OILS (PETROLEUM), SOLVENT-REFINED, <3% DMSO	KNOWN TO BE HUMAN CARCINOGEN.	GROUP 1	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

CERCLA/SARA SECTION 313: NONE ABOVE REPORTING DE MINIMIS.

## CALIFORNIA PROPOSITION 65:

NO CALIFORNIA PROPOSITION 65 LISTED CHEMICALS ARE KNOWN TO BE PRESENT.

## 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

PREPARED BY: PRODUCT SAFETY AND REGULATORY AFFAIRS

ISSUE DATE: 01/03/2019

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