Safety Data Sheet

LOCTITE LB 8070 known as LOCTITE HD AntiSeize 20g stk E

SDS No. : 205963
V001.1
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SECTION 1 IDENTIFICATION OF THE MATERIAL AND SUPPLIER

Product name: LOCTITE LB 8070 known as LOCTITE HD AntiSeize 20g stk E

Intended use: Lubricant

Supplier:
Henkel New Zealand Ltd
2 Allens Rd
Auckland, 2013
New Zealand

Phone: +64 (9) 272-6710

Emergency information: 24 HOUR EMERGENCY CONTACT NUMBER 0800 243 622

SECTION 2 HAZARDS IDENTIFICATION

Classification of the substance or mixture

HSNO Classification:

6.1E Class 6 - Toxicity, Subclass 6.1 - Acutely toxic, Hazard Classification E

GHS Classification:

Hazard Class	Hazard Category
Aspiration hazard	Category 1

Hazard pictogram:



Signal word: Danger

Hazard statement(s): H304 May be fatal if swallowed and enters airways.

Precautionary Statement(s):

Response: P301+P310 IF SWALLOWED: Immediately call a POISON CENTER/doctor.
P331 Do NOT induce vomiting.

Storage: P405 Store locked up.

Disposal: P501 Dispose of contents/container to an appropriate treatment and disposal facility in accordance with applicable laws and regulations.

SECTION 3 COMPOSITION/INFORMATION ON INGREDIENTS

General chemical description: Mixture

Identity of ingredients:

Chemical ingredients	CAS-No.	Proportion
Distillates (petroleum), hydrotreated heavy naphthenic <3%DMSO	64742-52-5	30 - 60 %
Distillates (petroleum), hydrotreated light naphthenic < 3% DMSO	64742-53-6	10 - 30 %
Castor oil, hydrogenated	8001-78-3	10 - 30 %
Graphite	7782-42-5	10 - 30 %
non hazardous ingredients~		>= 30 - < 60 %

SECTION 4 FIRST AID MEASURES

Ingestion: Do not induce vomiting.
Aspiration may cause pulmonary edema and pneumonitis.
Get medical attention.

Skin: Wash with soap and water.
Remove contaminated clothing and footwear.
If symptoms develop and persist, get medical attention.
Wash clothing before reuse.

Eyes: Immediately flush eyes with plenty of water for at least 15 minutes.
Get medical attention.

Inhalation: Move to fresh air.
If not breathing, give artificial respiration.
If breathing is difficult, give oxygen.
Get medical attention.

First Aid facilities: Eye wash and safety shower
Normal washroom facilities

Medical attention and special treatment: Treat symptomatically and supportively.

SECTION 5. FIRE FIGHTING MEASURES

Suitable extinguishing media: Water spray (fog), foam, dry chemical or carbon dioxide.

Combustion behaviour: In case of fire toxic gases can be released.

Decomposition products in case of fire:: Upon decomposition, this product emits carbon monoxide, carbon dioxide and/or low molecular weight hydrocarbons.

Special protective equipment for fire-fighters: Wear self-contained breathing apparatus and full protective clothing, such as turn-out gear.

SECTION 6. ACCIDENTAL RELEASE MEASURES

Personal precautions: See advice in section 8

Environmental precautions: Do not allow material to contaminate ground water system.

Clean-up methods: Scrape up as much material as possible.
Store in a closed container until ready for disposal.

SECTION 7. HANDLING AND STORAGE

Precautions for safe handling: Keep container closed.
Avoid contact with eyes, skin and clothing.
Wash thoroughly after handling.

Conditions for safe storage: Store below 100°F (38°C).
Keep in a cool, well ventilated area away from heat, sparks and open flame. Keep container tightly closed until ready for use.

SECTION 8. EXPOSURE CONTROLS / PERSONAL PROTECTION

Workplace exposure standards:

Ingredient [Regulated substance]	form of exposure	TWA (ppm)	TWA (mg/m3)	Ceiling	STEL (ppm)	STEL (mg/m3)
OIL MIST, MINERAL 64742-52-5	Mist.		5	-	-	-
OIL MIST, MINERAL	Mist.	-	-	-		10
OIL MIST, MINERAL 64742-53-6	Mist.		5	-	-	-
OIL MIST, MINERAL	Mist.	-	-	-		10
FLUORIDES, AS F 7789-75-5			2.5	-	-	-

Engineering controls: Ensure good ventilation/suction at the workplace.

Eye protection: Wear safety glasses with side shields.

Skin protection: Wear suitable protective clothing.
Suitable protective gloves.

Respiratory protection: If inhalation risk exists, wear a respirator or air supplied mask complying with the requirements of AS/NZS 1715 and AS/NZS 1716.

SECTION 9. PHYSICAL AND CHEMICAL PROPERTIES

Appearance: black
Solid
Odor: mild, Petroleum
Specific gravity: 1.1777
Flash point: Not classified as a flammable solid per DOT Classification Guidelines Part 173 Appendix H 7/10/2002.
Solubility in water: Insoluble
VOC content: 13.3 % 157 g/l

SECTION 10. STABILITY AND REACTIVITY

Stability: Stable under normal conditions of temperature and pressure.

Conditions to avoid: Keep away from heat, ignition sources and incompatible materials.

Incompatible materials: Strong acids.
Strong alkalis.
Strong oxidizing agents.

Hazardous decomposition products: Upon decomposition, this product emits carbon monoxide, carbon dioxide and/or low molecular weight hydrocarbons.

Hazardous polymerization: Will not occur.

SECTION 11 TOXICOLOGICAL INFORMATION

Health Effects:

Ingestion: Ingestion may cause gastrointestinal irritation, nausea, vomiting and diarrhea.
Principal hazard of ingestion is aspiration into the lungs and subsequent pneumonitis.

Skin: Prolonged or repeated contact may cause irritation.

Eyes: Contact with eyes will cause irritation.

Inhalation: May cause respiratory tract irritation.
This product has low volatility and is not expected to cause respiratory tract irritation during normal conditions of use.

Acute toxicity:

Hazardous components CAS-No.	Value type	Value	Route of application	Exposure time	Species	Method
Distillates (petroleum), hydrotreated heavy naphthenic <3%DMSO 64742-52-5	LD50	> 5,000 mg/kg	oral		rat	OECD Guideline 401 (Acute Oral Toxicity)
	LC50	> 5.53 mg/l	inhalation	4 h	rat	OECD Guideline 403 (Acute Inhalation Toxicity)
	LD50	> 5,000 mg/kg	dermal		rabbit	OECD Guideline 402 (Acute Dermal Toxicity)
Proprietary	LD50	> 5,000 mg/kg	oral		rat	not specified
	LC50	> 5.53 mg/l	inhalation	4 h	rat	OECD Guideline 403 (Acute Inhalation Toxicity)
	LD50	> 5,000 mg/kg	dermal		rabbit	not specified
Castor oil	LD50	> 10,000 mg/kg	oral		rat	Henkel Method
Proprietary	LD50	> 2,000 mg/kg	dermal		rat	other guideline:
Graphite 7782-42-5	LD50	> 2,000 mg/kg	oral		rat	OECD Guideline 423 (Acute Oral toxicity)

Germ cell mutagenicity:

Hazardous components CAS-No.	Result	Type of study / Route of administration	Metabolic activation / Exposure time	Species	Method
Proprietary	negative	in vitro mammalian chromosome aberration test	with and without		OECD Guideline 473 (In vitro Mammalian Chromosome Aberration Test)
Castor oil Proprietary	negative	bacterial reverse mutation assay (e.g Ames test)	with and without		OECD Guideline 471 (Bacterial Reverse Mutation Assay)

SECTION 12. ECOLOGICAL INFORMATION

General ecological information: Do not empty into drains / surface water / ground water.

SECTION 13. DISPOSAL CONSIDERATIONS

Waste disposal of product: Dispose of in accordance with local and national regulations.

Disposal for uncleaned package: Packaging that cannot be cleaned are to be disposed of in the same manner as the product.

SECTION 14. TRANSPORT INFORMATION

General information:
Not hazardous according to RID, ADR, ADN, IMDG, IATA-DGR.

SECTION 15. REGULATORY INFORMATION

HSNO Approval Number: HSR002605

Site and Storage: Refer to the site and storage requirements for this Group Standard.
Refer to the HSNO controls for approved hazardous substances.

NZIoC: Compliant for NZIOC

SECTION 16. OTHER INFORMATION

Abbreviations/acronyms:
STEL - Short term exposure limit
TWA - Time weighted average
HSNO - Hazardous Substances and New Organisms
GHS: Globally Harmonized System
CAS: Chemical Abstracts Service
LD 50: Lethal Dose 50%
LC 50: Lethal Concentration 50%
IMDG: International Maritime Dangerous Goods code
IATA-DGR: International Air Transport Association – Dangerous Goods Regulations

Reason for issue: Reviewed SDS. Reissued with new date. involved chapters: 1 - 16

Date of previous issue: 31.08.2014

Disclaimer:

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