



MATERIAL SAFETY DATA SHEET

SECTION 1. IDENTIFICATION OF THE MATERIAL AND SUPPLIER

Product name: LOCTITE LB 8040 FREEZE & RELEASE known as LOCTITE FREEZE&RELEASE 310G AU

Product-Code: 1024403

Intended use: Lubricant

Supplier:
Henkel AG & Co. KGaA
Henkelstr. 67
40589 Düsseldorf
Germany

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Emergency information: 24 HOUR EMERGENCY CONTACT NUMBER 03 9724 6556

SECTION 2. HAZARDS IDENTIFICATION

STATEMENT OF HAZARDOUS NATURE:

Hazardous according to the criteria of ASCC.

Classification of material Xn - Harmful Xi - Irritant

Risk phrases:

R10 Flammable.

R36 Irritating to eyes.

R65 Harmful: may cause lung damage if swallowed.

Safety phrases:

S2 Keep out of the reach of children.

S16 Keep away from sources of ignition - No smoking.

S23 Do not breathe vapour/spray.

S24/25 Avoid contact with skin and eyes.

S26 In case of contact with eyes, rinse immediately with plenty of water and seek medical advice.

S37/39 Wear suitable gloves and eye/face protection.

S47 Keep at temperature not exceeding 50 °C.

S51 Use only in well-ventilated areas.

S62 If swallowed, do not induce vomiting; seek medical advice immediately and show this container or label.

Dangerous Goods information:

Classified as Dangerous Goods according to the criteria of the Australian Code for the Transport of Dangerous Goods by Road and Rail (ADG Code).

Class or division:

2.1

Signal word:

HAZARDOUS



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SECTION 3. COMPOSITION/INFORMATION ON INGREDIENTS

Identity of ingredients:

Chemical ingredients	CAS-No.	Proportion
Naphtha (petroleum), hydrotreated light, < 0.1 % benzene	64742-49-0	10 - 30 %
Stoddard solvent	8052-41-3	10 - 30 %
Butane	106-97-8	30 - 60 %
Propane	74-98-6	10 - 30 %
non hazardous ingredients~		< 10 %

SECTION 4. FIRST AID MEASURES

Ingestion:	Do not induce vomiting or give anything by mouth because this material can enter the lungs and severe lung damage. If material is ingested, immediately contact a physician or poison control center.
Skin:	Remove contaminated clothing and footwear. Rinse with running water and soap. If symptoms develop and persist, get medical attention.
Eyes:	If irritation develops, flush eyes immediately with large amounts of water. If irritation persists, seek medical attention or advice.
Inhalation:	If inhaled, immediately remove the affected person to fresh air. If symptoms develop and persist, get medical attention.
First Aid facilities:	Eye wash

SECTION 5. FIRE FIGHTING MEASURES

Suitable extinguishing media:	Foam, dry chemical or carbon dioxide.
Decomposition products in case of fire:	Irritating and/or toxic fumes and gases may be emitted upon the product's decomposition. Carbon monoxide.
Particular danger in case of fire:	Vapors are heavier than air and may travel along the ground or be moved by ventilation and subsequently ignited by heat, pilot lights or other ignition sources at locations distant from the material handling point. Exposure to temperatures above 49°C (120°F) may cause container to burst. Cool aerosol containers with jet of water. Containers may explode.
Special protective equipment for fire-fighters:	Wear respiratory protection equipment according to ambient air conditions.
Hazchem code:	2YE

SECTION 6. ACCIDENTAL RELEASE MEASURES

Personal precautions and emergency procedures:	Keep away from sources of ignition. Wear an approved respirator, impervious gloves and chemical splash goggles.
Environmental precautions:	Do not empty into drains / surface water / ground water.



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Clean-up methods: Soak up with inert absorbent material (e.g. sand, silica gel, acid binder, universal binder, sawdust).
Absorb spill with inert material. Shovel material into appropriate container for disposal.
Dispose of according to Federal, State and local governmental regulations.

SECTION 7. HANDLING AND STORAGE

Precautions for safe handling: Use only in well-ventilated areas.
Wear suitable protective clothing, safety glasses and gloves.
Keep away from heat, spark and flame.

Conditions for safe storage: Store in a cool, dry, well-ventilated area.
Keep away from heat and direct sunlight.
Do not store or use near heat, spark, open flame or other sources of ignition.
Store below 120°F (50°C).

SECTION 8. EXPOSURE CONTROLS / PERSONAL PROTECTION

National exposure standards:

Ingredient	form of exposure	TWA (ppm)	TWA (mg/m3)	Peak Limit (mg/m3)	STEL (ppm)	STEL (mg/m3)
WHITE SPIRITS 8052-41-3			790	-	-	-
BUTANE 106-97-8		800	1,900	-	-	-

Engineering controls: Use only in well ventilated areas.
Use general ventilation and use local exhaust, where possible, in confined or enclosed spaces.

Eye protection: Avoid contact with eyes.
Wear chemical goggles or a full face shield.

Skin protection: Wear suitable protective clothing.
Wear impervious (neoprene) gloves, impervious apron.

Avoid skin and eye contact.

Respiratory protection: Do not inhale aerosol
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: aerosol
Odor: Petroleum
Specific gravity: 0.65 - 0.70
Flash point: < 23 °C (< 73.4 °F)
Solubility: Solvent: Water, Insoluble

SECTION 10. STABILITY AND REACTIVITY

Conditions to avoid: Stable under normal conditions of storage and use.



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Incompatible materials:	Nitric acid. Incompatible with oxidising agents. Chlorine.
Hazardous decomposition products:	carbon monoxide Irritating and/or toxic fumes and gases may be emitted upon the product's decomposition.
Hazardous polymerization:	Will not occur.

SECTION 11. TOXICOLOGICAL INFORMATION

HEALTH EFFECTS:

Ingestion:	Aspiration may occur during swallowing or vomiting, resulting in lung damage.
Skin:	Prolonged or repeated contact with this product may dry and/or defat the skin.
Eyes:	This product is irritating to the eyes.
Inhalation:	Inhalation of mist or spray may cause irritation of the respiratory tract and nasal passages.

SECTION 12. ECOLOGICAL INFORMATION

General ecological information:	Do not empty into drains / surface water / ground water. May cause long-term adverse effects in the aquatic environment.
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SECTION 13. DISPOSAL CONSIDERATIONS

Waste disposal of product:	Dispose of in accordance with local and national regulations. Do not puncture or incinerate pressurized containers.
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SECTION 14. TRANSPORT INFORMATION

Road and Rail Transport:

Dangerous Goods information:	Classified as Dangerous Goods according to the criteria of the Australian Code for the Transport of Dangerous Goods by Road and Rail (ADG Code).
UN no.:	1950
Proper shipping name:	AEROSOLS
Class or division:	2.1
Packaging group:	2YE
Hazchem code:	2YE
Emergency information:	Refer to the Dangerous Goods - Initial Emergency Response Guide HB 76.
EPG:	2D1

Marine transport IMDG:

UN no.:	1950
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Proper shipping name: AEROSOLS
Class or division: 2.1
Packaging group:
EmS: F-D ,S-U
Seawater pollutant: Marine pollutant

Air transport IATA:

UN no.: 1950
Proper shipping name: Aerosols, flammable
Class or division: 2.1
Packaging group:
Packaging instructions (passenger) 203
Packaging instructions (cargo) 203
Label: 2.1

SECTION 15. REGULATORY INFORMATION

SUSDP Poisons Schedule: None

AICS: All components are listed or are exempt from listing on the Australian Inventory of Chemical Substances (AICS).

SECTION 16. OTHER INFORMATION

Abbreviations/acronyms: ADGC - Australian Dangerous Goods Code
ASCC - Australian Safety and Compensation Council
SUSDP - Standard for the Uniform Scheduling of Drugs and Poisons
STEL - Short term exposure limit
TWA - Time weighted average

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Disclaimer:

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