Safety Data Sheet

LOCTITE SF 7140 DEGREASER known as 400G YUK OFF DEGREASER AEROSOL

SDS No. : 488218
V001.1
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Section 1. Identification of the substance/preparation and of the company/undertaking

Product name: LOCTITE SF 7140 DEGREASER known as 400G YUK OFF DEGREASER AEROSOL

Intended use: Aerosol

Supplier:
Henkel Australia Pty. Ltd.
135-141 Canterbury Road
Kilsyth, Victoria, 3137
Australia

Phone: +61 (3) 9724 6444

Emergency information: 24 HOUR EMERGENCY CONTACT NUMBER 03 9724 6556

Section 2. Hazards identification

Classification of the substance or mixture
Hazardous according to the criteria of Safe Work Australia.

GHS Classification:

Hazard Class	Hazard Category
Flammable aerosol	Category 1
Specific target organ toxicity - repeated exposure	Category 1

Hazard pictogram:

Signal word: Danger

Hazard statement(s): H222 Extremely flammable aerosol.
H372 Causes damage to Central Nervous System through prolonged or repeated exposure.

Precautionary Statement(s):
Prevention: P210 Keep away from heat, sparks, open flames, hot surfaces - no smoking.
P211 Do not spray on an open flame or other ignition source.
P251 Do not pierce or burn, even after use.
P260 Do not breathe vapors, mist, or spray.
P264 Wash skin thoroughly after handling.
P270 Do not eat, drink or smoke when using this product.

Response: P314 Get medical attention if you feel unwell.

Storage: P410+P412 Protect from sunlight. Do not expose to temperatures exceeding 50°C/122°F.

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

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).

Section 3. Composition / information on ingredients

General chemical description: Mixture

Identity of ingredients:

Chemical ingredients	CAS-No.	Proportion
Naphtha (petroleum), hydrodesulfurized heavy	64742-82-1	60- 100 %
Butane	106-97-8	15- 30 %
Isobutane	75-28-5	15- 30 %
non hazardous ingredients~		< 10 %

Section 4. First aid measures

Ingestion: Do not induce vomiting.
Have victim rinse mouth thoroughly with water.
Seek medical advice.

Skin: Rinse with running water and soap.
In case of adverse health effects seek medical advice.

Eyes: Rinse immediately with plenty of running water (for 10 minutes). Seek medical attention if necessary.

Inhalation: Move to fresh air. If symptoms persist, seek medical advice.

First Aid facilities: Eye wash and safety shower

Medical attention and special treatment: Treat symptomatically.

Section 5. Fire fighting measures

Suitable extinguishing media: Water spray or fog.
Dry powder.
Carbon dioxide.

Decomposition products in case of fire:: Thermal decomposition can lead to release of irritating gases and vapors.
carbon monoxide
Carbon dioxide.

Particular danger in case of fire:: WARNING FLAMMABLE!
Contents under pressure.
Do not puncture or incinerate pressurized containers.

Special protective equipment for fire-fighters: Wear full protective clothing.
Fire fighters should wear positive pressure self-contained breathing apparatus (SCBA).

Additional fire fighting advice: In case of fire, keep containers cool with water spray.

Section 6. Accidental release measures

Personal precautions: Avoid skin and eye contact.
Ensure adequate ventilation.
See advice in section 8

Environmental precautions: Do not let product enter drains.

Clean-up methods: Ensure adequate ventilation.
Allow gas to dissipate into the atmosphere.
For small spills wipe up with paper towel and place in container for disposal.
For large spills absorb onto inert absorbent material and place in sealed container for disposal.
Dispose of contaminated material as waste according to Section 13.

Section 7. Handling and storage

Precautions for safe handling: Use only in well-ventilated areas.
Vapours should be extracted to avoid inhalation.
Keep away from sources of ignition - no smoking.

Conditions for safe storage: Store in a cool, well-ventilated place.
Keep away from heat and direct sunlight.
Store at room temperature.

Section 8. Exposure controls / personal protection

National exposure standards:

Ingredient [Regulated substance]	form of exposure	TWA (ppm)	TWA (mg/m3)	Peak Limit. (ppm)	Peak Limit. (mg/m3)	STEL (ppm)	STEL (mg/m3)
BUTANE 106-97-8		800	1,900	-	-	-	-

Engineering controls:	Ensure good ventilation/suction at the workplace.
Eye protection:	Wear protective glasses.
Skin protection:	Wear suitable protective clothing. The use of chemical resistant gloves such as Neoprene or Natural Rubber is recommended Please note that in practice the working life of chemical resistant gloves may be considerably reduced as a result of many influencing factors (e.g. temperature). Suitable risk assessment should be carried out by the end user. If signs of wear and tear are noticed then the gloves should be replaced.
Respiratory protection:	Use only in well-ventilated areas. 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:	colourless to yellowish liquid
Odor:	Solvent
Specific gravity:	0.7700
Flash point:	-62.00 °C (-79.6 °F)

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:	Reaction with strong acids. Strong oxidizing agents.
Hazardous decomposition products:	Irritating and toxic gases or fumes may be released during a fire. carbon monoxide carbon dioxide

Section 11. Toxicological information

Health Effects:

Ingestion: Ingestion can cause gastrointestinal irritation, nausea, vomiting and diarrhea.

Skin: Contact with this material may cause skin irritation and blistering.
Symptoms may include redness, edema, drying, defatting and cracking of the skin.

Eyes: May cause mild irritation
Symptoms include itching, burning, redness and tearing.

Inhalation: May cause irritation to nose and throat.
May cause dizziness, incoordination, headache, nausea, and vomiting.

Acute toxicity:

Hazardous components CAS-No.	Value type	Value	Route of application	Exposure time	Species	Method
Butane 106-97-8	LC50	658 mg/l	inhalation	4 h	rat	not specified

Germ cell mutagenicity:

Hazardous components CAS-No.	Result	Type of study / Route of administration	Metabolic activation / Exposure time	Species	Method
Butane 106-97-8	negative negative	bacterial reverse mutation assay (e.g Ames test) in vitro mammalian chromosome aberration test	with and without with and without		OECD Guideline 471 (Bacterial Reverse Mutation Assay) OECD Guideline 473 (In vitro Mammalian Chromosome Aberration Test)
Butane 106-97-8	negative			Drosophila melanogaster	not specified
Isobutane 75-28-5	negative negative	bacterial reverse mutation assay (e.g Ames test) in vitro mammalian chromosome aberration test	with and without with and without		OECD Guideline 471 (Bacterial Reverse Mutation Assay) OECD Guideline 473 (In vitro Mammalian Chromosome Aberration Test)
Isobutane 75-28-5	negative			Drosophila melanogaster	not specified

Repeated dose toxicity:

Hazardous components CAS-No.	Result	Route of application	Exposure time / Frequency of treatment	Species	Method
Butane 106-97-8		inhalation: gas	28 d	rat	OECD Guideline 422 (Combined Repeated Dose Toxicity Study with the Reproduction / Developmental Toxicity Screening Test)
Isobutane 75-28-5		inhalation: gas	28 d	rat	OECD Guideline 422 (Combined Repeated Dose Toxicity Study with the Reproduction / Developmental Toxicity Screening Test)

Section 12. Ecological information

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

Toxicity:

Hazardous components CAS-No.	Value type	Value	Acute Toxicity Study	Exposure time	Species	Method
Naphtha (petroleum), hydrodesulfurized heavy 64742-82-1	LC50	68.2 mg/l	Fish	96 h	Pimephales promelas	OECD Guideline 203 (Fish, Acute Toxicity Test)
Naphtha (petroleum), hydrodesulfurized heavy 64742-82-1	EC50	100 - 220 mg/l	Daphnia		Daphnia magna	OECD Guideline 202 (Daphnia sp. Acute Immobilisation Test)
Naphtha (petroleum), hydrodesulfurized heavy 64742-82-1	EC50	> 10 - 100 mg/l	Algae			OECD Guideline 201 (Alga, Growth Inhibition Test)
Naphtha (petroleum), hydrodesulfurized heavy 64742-82-1	EC0	1,000 mg/l	Bacteria	30 min		not specified
Butane 106-97-8	LC50	27.98 mg/l	Fish	96 h		not specified
Butane 106-97-8	EC50	14.22 mg/l	Daphnia	48 h		not specified
Butane 106-97-8	EC50	7.71 mg/l	Algae	96 h		not specified
Isobutane 75-28-5	EC50	7.71 mg/l	Algae	96 h		not specified

Persistence and degradability:

Hazardous components CAS-No.	Result	Route of application	Degradability	Method
Naphtha (petroleum), hydrodesulfurized heavy 64742-82-1	readily biodegradable	aerobic	63 %	OECD Guideline 301 B (Ready Biodegradability: CO2 Evolution Test)

Bioaccumulative potential / Mobility in soil:

Hazardous components CAS-No.	LogPow	Bioconcentration factor (BCF)	Exposure time	Species	Temperature	Method
Naphtha (petroleum), hydrodesulfurized heavy 64742-82-1	3.5 - 6.4				20 °C	OECD Guideline 117 (Partition Coefficient (n-octanol / water), HPLC Method)
Isobutane 75-28-5	2.88				20 °C	OECD Guideline 107 (Partition Coefficient (n-octanol / water), Shake Flask Method)

Section 13. Disposal considerations

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

Disposal for uncleaned package: Disposal must be made according to official regulations.

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
Packing group:	
Emergency information:	Refer to the Dangerous Goods - Initial Emergency Response Guide HB 76.

Marine transport IMDG:

UN no.:	1950
Proper shipping name:	AEROSOLS (Solvent Naphtha (Petroleum), heavy aromatic)
Class or division:	2.1
Packing 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
Packing group:	
Packing instructions (passenger)	203
Packing instructions (cargo)	203

Section 15. Regulatory information

SUSMP Poisons Schedule None

Section 16. Other information

Abbreviations/acronyms:
ADGC - Australian Dangerous Goods Code
STEL - Short term exposure limit
TWA - Time weighted average
IMDG: International Maritime Dangerous Goods code
IATA-DGR: International Air Transport Association – Dangerous Goods Regulations

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Disclaimer:

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