



Safety Data Sheet

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LOCTITE SF 7452 ACCELERATOR, AEROSOL known as 20g
TAK PAK ACCEL 7452 SPRAY

SDS No. : 153667
V001.1
Date of issue: 12.06.2020

Section 1. Identification of the substance/preparation and of the company/undertaking

Product name: LOCTITE SF 7452 ACCELERATOR, AEROSOL known as 20g TAK PAK ACCEL 7452 SPRAY

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: 1800 032 379

Section 2. Hazards identification

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

GHS Classification:

<u>Hazard Class</u>	<u>Hazard Category</u>	<u>Target organ</u>
Flammable aerosols	Category 1	
Serious eye irritation	Category 2A	
Target Organ Systemic Toxicant - Single exposure	Category 3	Central nervous system
Acute hazards to the aquatic environment	Category 3	

Hazard pictogram:



Signal word: Danger

Hazard statement(s):	H222 Extremely flammable aerosol. H319 Causes serious eye irritation. H336 May cause drowsiness or dizziness. H402 Harmful to aquatic life.
Precautionary Statement(s):	
Prevention:	P210 Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking. P211 Do not spray on an open flame or other ignition source. P251 Do not pierce or burn, even after use. P261 Avoid breathing dust/fume/gas/mist/vapours/spray. P264 Wash hands thoroughly after handling. P271 Use only outdoors or in a well-ventilated area. P273 Avoid release to the environment. P280 Wear eye protection/face protection.
Response:	P304+P340+P312 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. P305+P351+P338 IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. P337+P313 If eye irritation persists: Get medical advice/attention.
Storage:	P403+P233 Store in a well-ventilated place. Keep container tightly closed. P405 Store locked up. 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.

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
acetone	67-64-1	60- < 100 %
butane	106-97-8	10- < 30 %
N,N-Dimethyl-p-toluidine	99-97-8	< 10 %
non hazardous ingredients~		<= 20 %

Section 4. First aid measures

Ingestion:	DO NOT induce vomiting unless directed to do so by medical personnel. Never give anything by mouth to an unconscious person. Get immediate medical attention.
Skin:	Immediately flush skin with plenty of water (using soap, if available). Remove contaminated clothing and footwear. Wash clothing before reuse. Get medical attention.

Eyes:	Rinse immediately with plenty of water, also under the eyelids, for at least 15 minutes. Get medical attention.
Inhalation:	Move to fresh air. If breathing is difficult, give oxygen. If not breathing, give artificial respiration. Get immediate medical attention.
First Aid facilities:	Eye wash and safety shower Normal washroom facilities
Medical attention and special treatment:	Treat symptomatically.

Section 5. Fire fighting measures

Suitable extinguishing media:	Foam, dry chemical or carbon dioxide.
Decomposition products in case of fire:	Oxides of nitrogen. Oxides of carbon. Irritating vapors.
Particular danger in case of fire:	Contents under pressure. Vapors may accumulate in low or confined areas, travel considerable distance to source of ignition, and flash back. Exposure to temperatures above 49°C (120°F) may cause container to burst. Do not puncture or incinerate pressurized containers.
Special protective equipment for fire-fighters:	Wear self-contained breathing apparatus and full protective clothing, such as turn-out gear. Water should be used to cool closed containers to prevent pressure build-up and possible autoignition or explosion when exposed to extreme heat.

Section 6. Accidental release measures

Environmental precautions:	Do not allow product to enter sewer or waterways.
Clean-up methods:	Remove all sources of ignition. Ensure adequate ventilation. Keep unnecessary personnel away. Wear appropriate protective equipment and clothing during clean-up. Soak up with inert absorbent material (e.g. sand, silica gel, acid binder, universal binder, sawdust). Store in a closed metal container until ready for disposal. 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. Refer to Section 8 "Exposure Controls / Personal Protection" prior to clean up.

Section 7. Handling and storage

- Precautions for safe handling:** Prevent contact with eyes, skin and clothing. Do not breathe vapor and mist. Wash thoroughly after handling.
During use and until all vapors are gone: Keep area ventilated - do not smoke; extinguish all flames, pilot lights, and heaters; turn off stoves, electrical tools and appliances, and any other sources of ignition.
Do not puncture or incinerate pressurized containers.
Refer to Section 8.
- Conditions for safe storage:** 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

National exposure standards:

Ingredient [Regulated substance]	form of exposure	TWA (ppm)	TWA (mg/m ³)	Peak Limit. (ppm)	Peak Limit. (mg/m ³)	STEL (ppm)	STEL (mg/m ³)
ACETONE 67-64-1		500	1,185				
ACETONE 67-64-1						1,000	2,375
BUTANE 106-97-8		800	1,900				

- Engineering controls:** Provide adequate local exhaust ventilation to maintain worker exposure below exposure limits.
- Eye 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.
Safety showers and eye wash stations should be available.
- Skin protection:** Use chemical resistant, impermeable clothing including gloves and either an apron or body suit to prevent skin contact.

Neoprene 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:** Amber, Clear
Aerosol
- Odor:** Acetone
- Specific gravity:** 0.7926
- Boiling point:** 57.2 °C (135 °F)
- Flash point:** -91 °C (-131.8 °F)
- Lower explosive limit:** 2.8 %(V)
- Upper explosive limit:** 12.8 %(V)
- Solubility in water:** Soluble

Section 10. Stability and reactivity

Conditions to avoid:	Do not puncture, incinerate, or expose to temperatures above 48.9 °C (120 °F). Heat, flames, sparks and other sources of ignition. Store away from incompatible materials.
Incompatible materials:	Strong oxidizing agents.
Hazardous decomposition products:	Oxides of carbon. Oxides of nitrogen. Irritating vapors.

Section 11. Toxicological information

Health Effects:

Ingestion:	Ingestion may cause gastrointestinal irritation, nausea, vomiting and diarrhea.
Skin:	Causes skin irritation.
Eyes:	Causes serious eye irritation.
Inhalation:	Inhalation of vapors or mists of the product may be irritating to the respiratory system. Central nervous system depression, including dizziness, drowsiness, fatigue, nausea, headache, unconsciousness.
Aggravated med. condition:	Liver disorders. Lung disorders. Kidney disorders.

Acute toxicity:

Hazardous components CAS-No.	Value type	Value	Route of application	Exposure time	Species	Method
acetone 67-64-1	LD50 LC50 LD50	5,800 mg/kg 76 mg/l > 15,688 mg/kg	oral inhalation dermal	4 h	rat rat rabbit	not specified not specified Draize Test
butane 106-97-8	LC50	274200 ppm	inhalation	4 h	rat	not specified

Skin corrosion/irritation:

Hazardous components CAS-No.	Result	Exposure time	Species	Method
acetone 67-64-1	not irritating		guinea pig	not specified

Serious eye damage/irritation:

Hazardous components CAS-No.	Result	Exposure time	Species	Method
acetone 67-64-1	irritating		rabbit	OECD Guideline 405 (Acute Eye Irritation/ Corrosion)

Respiratory or skin sensitization:

Hazardous components CAS-No.	Result	Test type	Species	Method
acetone 67-64-1	not sensitising	Guinea pig maximisation test	guinea pig	not specified

Germ cell mutagenicity:

Hazardous components CAS-No.	Result	Type of study / Route of administration	Metabolic activation / Exposure time	Species	Method
acetone 67-64-1	negative negative negative	bacterial reverse mutation assay (e.g Ames test) in vitro mammalian chromosome aberration test mammalian cell gene mutation assay	with and without with and without without		OECD Guideline 471 (Bacterial Reverse Mutation Assay) OECD Guideline 473 (In vitro Mammalian Chromosome Aberration Test) OECD Guideline 476 (In vitro Mammalian Cell Gene Mutation Test)
acetone 67-64-1	negative	oral: drinking water		mouse	not specified
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 negative	inhalation: gas		Drosophila melanogaster rat	not specified OECD Guideline 474 (Mammalian Erythrocyte Micronucleus Test)

Repeated dose toxicity:

Hazardous components CAS-No.	Result	Route of application	Exposure time / Frequency of treatment	Species	Method
acetone 67-64-1	NOAEL=900 mg/kg	oral: drinking water	13 wdaily	rat	OECD Guideline 408 (Repeated Dose 90-Day Oral Toxicity in Rodents)
butane 106-97-8		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 / soil.**Toxicity:**

Hazardous components CAS-No.	Value type	Value	Acute Toxicity Study	Exposure time	Species	Method
acetone 67-64-1	LC50	8,120 mg/l	Fish	96 h	Pimephales promelas	OECD Guideline 203 (Fish, Acute Toxicity Test)
acetone 67-64-1	EC50	8,800 mg/l	Daphnia	48 h	Daphnia pulex	OECD Guideline 202 (Daphnia sp. Acute Immobilisation Test)
acetone 67-64-1	NOEC	530 mg/l	Algae	8 d	Microcystis aeruginosa	DIN 38412-09
acetone 67-64-1	EC10	1,000 mg/l	Bacteria	30 min	Pseudomonas putida	DIN 38412, part 27 (Bacterial oxygen consumption test)
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
N,N-Dimethyl-p-toluidine 99-97-8	LC50	46 mg/l	Fish	96 h	Fathead minnow (Pimephales promelas)	other guideline:

Persistence and degradability:

Hazardous components CAS-No.	Result	Route of application	Degradability	Method
acetone 67-64-1	readily biodegradable	aerobic	81 - 92 %	EU Method C.4-E (Determination of the "Ready" Biodegradability Closed Bottle Test)

Bioaccumulative potential / Mobility in soil:

Hazardous components CAS-No.	LogPow	Bioconcentration factor (BCF)	Exposure time	Species	Temperature	Method
acetone 67-64-1	-0.24					OECD Guideline 107 (Partition Coefficient (n-octanol / water), Shake Flask Method)
N,N-Dimethyl-p-toluidine 99-97-8	2.81				25 °C	not specified

Section 13. Disposal considerations**Waste disposal of product:** Dispose of in accordance with local and national regulations.
Do not puncture or incinerate pressurized containers.**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**

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:	

Marine transport IMDG:

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

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

Section 16. Other information

Abbreviations/acronyms:

- GHS: Globally Harmonized System
- CAS: Chemical Abstracts Service
- LD 50: Lethal Dose 50%
- NOAEL: No Observed Adverse Effect Level
- LC 50: Lethal Concentration 50%
- OECD: Organization for Economic Cooperation and Development
- ADGC - Australian Dangerous Goods Code
- IMDG: International Maritime Dangerous Goods code
- IATA-DGR: International Air Transport Association – Dangerous Goods Regulations
- STEL - Short term exposure limit
- TWA - Time weighted average

Reason for issue: First issue. involved chapters: 1-16

Disclaimer:

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