

SAFETY DATA SHEET

Section 1. Identification of the material and the supplier

Product Description: Sabre CC Citrus Cleaner – Aerosol
 Product Use: Adhesive Cleaner
 Restrictions of use: Refer to Section 15

New Zealand Supplier: Sabre Adhesives Ltd
 Address: 42 Cambridge Street South
 Levin, 5510, New Zealand
 Telephone: +64 (0)6 366 0007
Emergency No: 0800 764 766 (National Poison Centre)

Australian Supplier: Sabre Adhesives Ltd
 Address: Level 6, 10 Herb Elliot Avenue, Sydney NSW, 2127
 Telephone No: +61 2 9098 8244
Emergency No: 13 11 26 (National Poison Line)

Date SDS Issued: 3 May 2023 v3

Section 2. Hazards Identification

Australia:
 Classified as Hazardous according to the Globally Harmonised System of Classification and labelling of Chemicals (GHS) including Work, Health and Safety regulations, Australia

New Zealand:
 Classified as hazardous as per EPA Hazardous Substances (Classification) Notice 2020.

NZ - EPA Approval Code: Aerosols (Flammable) - HSR002515

Pictograms



SIGNAL WORD: DANGER

GHS Category	Hazard Code	Hazard Statement
Aerosol Cat. 1	H222	Extremely flammable aerosol.
Aerosol	H229	Pressurised container: may burst if heated.
Aspiration hazard Cat. 1	H304	May be fatal if swallowed and enters airways.
Skin irritation Cat. 2	H315	Causes skin irritation.
Eye irritation Cat. 2	H319	Causes serious eye irritation.
Skin sensitisation Cat. 1	H317	May cause an allergic skin reaction.
Hazardous to the aquatic	H410	Very toxic to aquatic life with long lasting effects.

environment acute Cat. 1		
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Prevention Code Prevention Statement

P102	Keep out of reach of children.
P103	Read label before use.
P210	Keep away from heat, sparks, open flames or hot surfaces. No smoking.
P211	Do not spray on an open flame or other ignition source.
P251	Pressurized container: Do not pierce or burn, even after use.
P261	Avoid breathing fumes or vapours.
P264	Wash hands thoroughly after handling.
P272	Contaminated work clothing should not be allowed out of the workplace.
P273	Avoid release to the environment.
P280	Wear protective clothing.

Response Code Response Statement

P101	If medical advice is needed, have product container or label at hand.
P331	Do NOT induce vomiting.
P362	Take off contaminated clothing and wash before re-use.
P391	Collect spillage.
P301 + P310	IF SWALLOWED: Immediately call a POISON CENTER or doctor/physician.
P302 + P352	IF ON SKIN: Wash with plenty of soap and water.
P305 + P351+P338	IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.
P333 + P313	If skin irritation or rash occurs: Get medical advice/ attention.
P337 + P313	If eye irritation persists: Get medical advice/attention.

Storage Code Storage Statement

P405	Store locked up.
P410 + P412	Protect from sunlight. Do not expose to temperatures exceeding 50 °C.

Disposal Code Disposal Statement

P501	Dispose of according to the local authorities
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Section 3. Composition of hazardous Ingredients

Ingredients	Wt%	CAS NUMBER.
Citrus Terpenes	50-60	5989-27-5
naphtha petroleum, heavy, hydrotreated	10-20	64742-48-9
LPG (liquefied petroleum gas)	25-35	68476-85-7

Section 4. First Aid Measures

Routes of Exposure:

If in Eyes Rinse cautiously with water for several minutes. If eye irritation persists: Get medical advice.

If on Skin Remove/Take off immediately all contaminated clothing and wash before reuse. Rinse skin with water/shower. Remove any adhering solids with industrial skin cleansing cream. DO NOT use solvents. If skin irritation or rash occurs: Get medical advice/ attention.

If Swallowed DO NOT induce vomiting. Never give anything by mouth to an unconscious person. May give patient a glass of water. If vomiting occurs,

give further water and get to a doctor or hospital quickly. Immediately call a POISON CENTER or doctor/physician.

If Inhaled Remove person to fresh air. Remove contaminated clothing and loosen remaining clothing. Allow person to assume most comfortable position and keep warm. Keep at rest until fully recovered. Get medical advice if breathing becomes difficult.

Most important symptoms and effects, both acute and delayed

Symptoms:

Eye contact: Causes serious eye irritation.
 Ingestion: May be fatal if swallowed and enters airways.
 Inhalation: Not applicable.
 Skin: Causes skin irritation. May cause an allergic skin reaction.

Note to physician: Treat symptomatically.

Section 5. Fire Fighting Measures

Hazard Type	Highly Flammable Aerosol
Hazards from products	carbon dioxide (CO2) other pyrolysis products typical of burning organic material. Contains low boiling substance: Closed containers may rupture due to pressure buildup under fire conditions. BEWARE: Empty solvent, paint, lacquer and flammable liquid drums present a severe explosion hazard if cut by flame torch or welded. Even when thoroughly cleaned or reconditioned the drum seams may retain sufficient solvent to generate an explosive atmosphere in the drum. WARNING: Aerosol containers may present pressure related hazards
Suitable Extinguishing media	SMALL FIRE: Water spray, dry chemical or CO2 LARGE FIRE: Water spray or fog.
Precautions for firefighters and special protective clothing	Wear full body protective clothing with breathing apparatus. Fight fire from a safe distance, with adequate cover. If safe, switch off electrical equipment until vapour fire hazard removed. Use water delivered as a fine spray to control fire and cool adjacent area. DO NOT approach cylinders suspected to be hot. Cool fire exposed cylinders with water spray from a protected location. If safe to do so, remove cylinders from path of fire. Equipment should be thoroughly decontaminated after use. Excessive pressures may develop in a gas cylinder exposed in a fire; this may result in explosion. Cylinders with pressure relief devices may release their contents as a result of fire and the released gas may constitute a further source of hazard for the fire-fighter. Cylinders without pressure-relief valves have no provision for controlled release and are therefore more likely to explode if exposed to fire
HAZCHEM CODE	2YE

Section 6. Accidental Release Measures

Keep unnecessary and unprotected personnel away from the spillage. Stop leak only if safe to do so. Wear protective clothing as described in Section 8 of this safety data sheet. Remove all ignition sources. Clean up all spills immediately. Avoid breathing vapours and contact with skin and eyes.

Prevent, by any means available, spillage from entering drains or water course.

Eliminate all ignition sources if safe to do so. No smoking, sparks, flames or other sources of ignition near spillage. Increase ventilation.
 Stop leak if safe to do so. Water spray or fog may be used to disperse / absorb vapour. Contain or absorb spill with sand, earth or vermiculite.
 Collect recoverable product into labelled containers for recycling. Collect solid residues and seal in labelled drums for disposal.

Section 7. Handling and Storage

Handling:

- Keep out of reach of children.
- Read label before use.
- Keep away from heat, sparks, open flames or hot surfaces. No smoking.
- Do not spray on an open flame or other ignition source.
- Pressurized container: Do not pierce or burn, even after use.
- Provide adequate ventilation.
- Collect spillage.
- Do not use in confined spaces with adequate ventilation and/or a respirator.
- Wash hands thoroughly after handling.
- Avoid release to the environment.
- Wear protective clothing.
- DO NOT incinerate or puncture aerosol cans.
- Avoid physical damage to containers.
- DO NOT enter confined spaces until atmosphere has been checked.
- When handling, DO NOT eat, drink or smoke.

Storage:

- Store away from incompatible materials listed in Section 10.
- Protect from sunlight. Do not expose to temperatures exceeding 50 °C.
- Store locked up and out of reach of children.
- Store in a well-ventilated place.
- Keep away from heat and flames.
- Keep only in the original container.
- Keep container tightly closed and in a well-ventilated place.
- Keep containers upright.
- Protect containers from damage.
- Protect from sunlight.
- Do not store near heat sources or expose to high temperatures.

Section 8 Exposure Controls / Personal Protection

Exposure Limit Values:

WORKPLACE EXPOSURE STANDARDS (provided for guidance only)

Substance		TWA		STEL	
		ppm	mg/m ³	ppm	mg/m ³
LPG (Liquefied petroleum gas)	[68476-85-7]	1000	1800	-	-

Workplace Exposure Standard – Time Weighted Average (WES-TWA). The time-weighted average exposure standard designed to protect the worker from the effects of long-term exposure. Workplace Exposure Standard – Short-Term Exposure Limit (WESSTEL). The 15-minute average exposure standard. Applies to any 15- Minute period in the working day and is designed to protect the worker against adverse effects of irritation, chronic or irreversible tissue change, or narcosis that may increase the likelihood of accidents. The WES-STEL is not an alternative to the WES-TWA; both the short-term and time-weighted average exposures apply. Workplace Exposure Standards and Biological Exposure Indices APRIL 2022 13TH EDITION.

Engineering Controls

Product Name: Sabre CC Citrus Cleaner - Aerosol
 Date of SDS: 3 May 2023

SDS Prepared by: Technical Compliance Consultants (NZ) Ltd
 Tel: +64 9 475 5240 WWW.techcomp.co.nz

In case of insufficient ventilation, wear suitable respiratory equipment. Mechanical ventilation or local exhaust ventilation may be required.

Personal Protection Equipment



Eyes	Wear chemical splash goggles and face shield. Avoid wearing contact lenses.
Hands and Skin	Wear chemical protective gloves, eg. PVC. Wear overalls and footwear.
Respiratory	In case of insufficient ventilation, wear suitable respiratory equipment.

Section 9 Physical and Chemical Properties

Appearance	Aerosol (canister)
Colour	Colourless to pale yellow
Odour	Characteristic
Odour Threshold	Not applicable
pH	Not applicable
Boiling Point	-40°C
Melting Point	-97°C
Freezing Point	Not applicable
Flash Point	-104°C
Flammability	Highly Flammable
Upper and Lower Explosive Limits	2.2% - 9.1%
Vapour Pressure	46.86 kPa
Vapour Density	2.93 (air=1)
Relative Density (water=1)	0.700
Solubility in water	Immiscible
Partition Coefficient:	Not applicable
Auto Ignition temp	Not applicable
Oxidising	Not applicable
Viscosity	Not applicable
Percent Volatile	Not applicable
Refractive index	1.473
VOC g/L	700.00

Section 10. Stability and Reactivity

Stability of Substance	Stable at normal ambient temperatures and when used as recommended.
Conditions to Avoid	Avoid heat, flames and other sources of ignition. Avoid excessive heat for prolonged periods of time.
Incompatible Materials	Strong oxidising agents. Strong acids.
Hazardous Decomposition Products	Carbon Dioxide.

Section 11 Toxicological Information

Acute Effects:

Swallowed	Not applicable.
Dermal	Not applicable.
Inhalation	Not applicable.
Eye	Causes serious eye irritation.
Skin	Causes skin irritation. May cause an allergic skin reaction.

Chronic Effects:

Carcinogenicity	Not applicable.
Reproductive Toxicity	Not applicable.
Germ Cell Mutagenicity	Not applicable.
Aspiration	May be fatal if swallowed and enters airways.
STOT/SE	Not applicable.
STOT/RE	Not applicable.

Individual component information:

Acute Toxicity:

Chemical Name	Oral – LD50	Dermal – LD50	Inhalation – LC50
Citrus terpenes	>5000 mg/kg (rabbit)	>5000mg/kg (rabbit)	-
LPG (liquefied petroleum gas)	-	-	658 mg/L/4hr (rat)
naphtha petroleum, heavy, hydrotreated	>4500 mg/kg (rat)	>1900 mg/kg (rabbit)	>4.42 mg/L/4h (rat)

Section 12. Ecotoxicological Information

Very toxic to aquatic life with long lasting effects. Do NOT allow product to come in contact with surface waters or to intertidal areas below the mean high water mark. Do not contaminate water when cleaning equipment or disposing of equipment wash-waters.

Persistence and degradability	No data available on product Methylene Chloride: Persistence: Water/Soil Air LOW(half-life=56 days) HIGH(half-life = 191 days) Water: LOW LOW
Bioaccumulative	No data available on product Methylene Chloride: LOW (BCF=40)
Mobility in soil	No data available on product Methylene Chloride: LOW (KOC=23.74)
Other adverse effects	No data available

Individual component information:

Citrus terpenes:

Endpoint	Species	Duration	Value LC50/EC50
EC50	Algae or other aquatic plants	72 hr	0.214 mg/L
EC50	Crustacean	48 hr	0.307 mg/L
LC50	Fish	96 hr	0.46 mg/L
NOEC(ECx)	Crustacean	504 hr	0.05 mg/l

LPG (liquefied petroleum gas):

Endpoint	Species	Duration	Value LC50/EC50
EC50(ECx)	Algae or other aquatic plants	96 hr	7.71 mg/L
LC50	Fish	96 hr	24.11 mg/L

EC50	Algae or other aquatic plants	96 hr	7.71 mg/L
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Naphtha petroleum, heavy, hydrotreated:

Endpoint	Species	Duration	Value LC50/EC50
EC50(ECx)	Algae or other aquatic plants	96 hr	7.71 mg/L
LC50	Fish	96 hr	24.11 mg/L
EC50	Algae or other aquatic plants	96 hr	7.71 mg/L

Section 13. Disposal Considerations

Disposal Method: Empty packaging completely prior to disposal. Do not pierce or burn, even after use. Place any recovered product into an appropriate waste container for disposal through appropriate waste company or specialized landfill in accordance with local regulations.

Precautions: Ensure waste container containing recovered product is labelled "Hazardous Waste – Flammable, Ecotoxic". Do not allow to enter waterways.

Section 14 Transport Information

**This product is classified as a Dangerous Good for transport in Australia; ADG 7
This product is classified as a Dangerous Good for transport: NZS 5433:2020 and SNZ HB 5433:2021**



Road, Rail, Sea and Air Transport

UN No	1950
Class - Primary	2.1
Proper Shipping Name	AEROSOLS
Marine Pollutant	YES
Special Provisions	63, 190, 277, 344, 327 Limited Qty: 1000ml

Section 15 Regulatory Information

Australia:

Classified as Hazardous according to the Globally Harmonised System of Classification and labelling of Chemicals (GHS) including Work, Health and Safety regulations, Australia

Poison Schedule No: Not Scheduled

New Zealand:

EPA Approval Code: Aerosols (Flammable) - HSR002515

Trigger quantities for this substance:

HSW (HS) Regulations 2017 and EPA Notices	Trigger Quantity
Certified Handler	Not required
Location Certificate	3000L (AWC)
Tracking Trigger Quantities	Not required
Signage Trigger Quantities	100L
Emergency Response Plan	100L

Secondary Containment	100L
Restriction of Use	Only use for the intended purpose.

Section 16 Other Information

Glossary

EC ₅₀	Median effective concentration.
EEL	Environmental Exposure Limit.
EPA	Environmental Protection Authority
HSNO	Hazardous Substances and New Organisms.
HSW	Health and Safety at Work.
LC ₅₀	Lethal concentration that will kill 50% of the test organisms inhaling or ingesting it.
LD ₅₀	Lethal dose to kill 50% of test animals/organisms.
LEL	Lower explosive level.
OSHA	American Occupational Safety and Health Administration.
TEL	Tolerable Exposure Limit.
TLV	Threshold Limit Value-an exposure limit set by responsible authority.
UEL	Upper Explosive Level
WES	Workplace Exposure Limit

References:

Australia:

1. Preparation of Safety Data Sheets for Hazardous Chemicals Code of Practice.
2. Standard for the Uniform Scheduling of Medicines and Poisons.
3. Australian Code for the Transport of Dangerous Goods by Road & Rail.
4. Model Work Health and Safety Regulations, Schedule 10: Prohibited carcinogens, restricted carcinogens and restricted hazardous chemicals.
5. Workplace exposure standards for airborne contaminants, Safe work Australia.
6. American Conference of Industrial Hygienists (ACGIH).
7. Globally Harmonised System of classification and labelling of chemicals.

New Zealand:

1. EPA Hazardous Substances (Safety Data Sheets) Notice 2017
2. Workplace Exposure Standards and Biological Exposure Indices APRIL 2022 edition.
3. Assigning a hazardous substance to a HSNO Approval (Aug 2013).
4. Transport of Dangerous goods on land NZS 5433:2020
5. HSW (Hazardous Substances) Regulations 2017

Disclaimer

This document has been prepared by TCC (NZ) Ltd and serves as the suppliers Safety Data Sheet ('SDS'). It is based on information concerning the product which has been provided to TCC (NZ) Ltd or obtained from third party sources and is believed to represent the current state of knowledge as to the appropriate safety and handling precautions for the product at the time of issue. Further clarification regarding any aspect of the product should be obtained directly from the manufacturer. While TCC (NZ) have taken all due care to include accurate and up-to-date information in this SDS, it does not provide any warranty as to accuracy or completeness. As far as lawfully possible, TCC (NZ) Ltd accept no liability for any loss, injury or damage (including consequential loss) which may be suffered or incurred by any person as a consequence of their reliance on the information contained in this SDS

The information herein is given in good faith, but no warranty, express or implied is made.

Please contact the Australian Manufacturer or New Zealand distributor, if further information is required.

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3 May 2023

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3 May 2028