



SAFETY DATA SHEET

Section 1: IDENTIFICATION

CITRUS CLEAN

Recommended Use: Citrus based solvent ideal for carpet spotting
Also used as a powerful heavy-duty degreaser.

Product Code: 832



MASTER AUSTRALIA PTY LTD (A.B.N. 66 092 483 880)

Postal Address: 45 Marrickville Rd, Marrickville, NSW 2204

Telephone Number: (02) 9550 5800 Facsimile: (02) 9550 5876

Emergency Telephone Number: Poisons Information Centre (National) 13 11 26

Section 2: HAZARDS IDENTIFICATION

GHS Classification

Flammable liquid (Category 3)

Aspiration toxicity (Category 1)

Skin irritation (Category 2)

Skin sensitiser (Category 1)

Signal Word **DANGER**

Hazard Statements

H226	Flammable liquid and vapour
H304	May be fatal if swallowed and enters airways
H315	Causes skin irritation
H317	May cause an allergic skin reaction

Precautionary Statements

P210	Keep away from open flames – no smoking
P233	Keep container tightly closed
P242	Use only non-sparking tools
P243	Take precautionary measures against static discharge
P280	Wear protective gloves and eye/face protection
P264	Wash hands thoroughly after handling
P261	Avoid breathing mists/spray
P272	Contaminated clothing should not leave the workplace

Response Statements

P370 + P378	In case of fire: Use dry chemical powder, foam, polymer foam, water spray or fog type extinguishers
P302 + P352 + P362	IF ON SKIN: Take off immediately all contaminated clothing. Rinse skin with soap and water. Wash contaminated clothing before reuse.
P301 + P310 + P331	If swallowed: Immediately call a poison centre or doctor/physician. Do NOT induce vomiting.
P333 + P313	If skin irritation or rash occurs: get medical advice/attention.

Storage Statements

P405 + P403 + P235	Store locked up in a cool, well ventilated area. Keep cool.
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Disposal Statements

P501	Dispose of container as per local regulations
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Section 3: COMPOSITION INFORMATION

<u>Ingredient</u>	<u>CAS No</u>	<u>Proportion</u>
D-limonene	5989-27-5	30-60%
Dipropylene glycol monomethyl ether	34590-94-8	30-60%
Non-hazardous ingredients	-----	To 100%

Section 4: FIRST AID MEASURES

Eye (Contact)	Hold eyelids apart and flush the eye continuously with running water. Continue flushing until advised to stop by the Poisons Information Centre, or for at least 15 minutes.
Skin (Contact)	Remove contaminated clothing and flush skin and hair with running water.
Inhalation(Breathing)	Apply artificial respiration if not breathing.
Ingestion (Swallowing)	Do NOT induce vomiting. For advice, contact a Poisons Information Centre (Phone 131126) or a doctor.
Advice to Doctor	Treat symptomatically.
First Aid Facilities	Ensure an eye wash and safety shower is available and ready for use.
Additional Information	No aggravated medical conditions are known to be caused by exposure to this product.

Section 5: FIRE FIGHTING MEASURES

Suitable extinguishing media	Use dry chemical powder, foam, polymer foam, water spray or fog type extinguishers.
Hazards from combustion products	May emit toxic and/or irritating fumes including carbon monoxide and carbon dioxide.
Precautions for fire fighters and special protective equipment	Fire fighters should wear self contained breathing apparatus (SCBA) and complete protective clothing.
Additional information	Hazchem – 3[Y]. Vapour may form explosive mixtures at or above 48°C. Liquid can float on water and may possibly travel to distant locations and/or spread fire. Vapour is heavier than air and may spread along ground and collect in low areas.

Section 6: ACCIDENTAL RELEASE MEASURES

Emergency procedures	SAA/SNZ HB76: Dangerous Goods – Initial Emergency Response Guide – Guide 14.
Methods and materials for containment and clean up	Eliminate all ignition sources and do not smoke. Wear protective equipment such as protective gloves to avoid skin contact. Ventilate area thoroughly and wear a respirator if necessary to minimise inhalation. Small spills can be wiped up. Large spills should be absorbed by dirt, sand, vermiculite or other suitable absorbents for disposal. Do not hose spills down drains, sewers or waterways.

Section 7: HANDLING AND STORAGE

Precautions for safe handling Any non-intended or non-authorized use of this product may result in severe personal injury or damage to equipment.
Store product in original container.
Wash hands and face thoroughly after handling and before work breaks, eating, drinking, smoking and using toilet facilities.

Conditions for safe storage, including any incompatibilities Store in a cool, dry, well ventilated area away from incompatible materials. Keep container tightly sealed. Check regularly for spills and leaks. Protect against physical damage.

Section 8: EXPOSURE CONTROL/PERSONAL PROTECTION

National Exposure Standards - Source: National Exposure Standards for Atmospheric Contaminants in the Occupational Environment [NOHSC:1003].

<u>Ingredient</u>	<u>CAS No</u>	<u>TWA</u>	<u>STEL</u>
Dipropylene glycol monomethyl ether	34590-94-8	308mg/m ³	-----

Biological limit values Not available.

Engineering controls Ensure adequate ventilation to keep airborne concentrations below exposure standards.

Personal protective equipment Eye/face protection – Safety glasses or chemical resistant goggles should be worn to prevent eye contact.



Skin protection – Use impervious gloves, overalls, apron and chemical resistant shoes to prevent skin contact.

Respiratory protection – Respirator is not usually necessary but if product is being used in a confined area or where vapour/mist is a problem, use a respirator with organic vapour filter.

Section 9: PHYSICAL AND CHEMICAL PROPERTIES

Appearance	Clear thin yellow liquid	Odour	Characteristic citrus
Odour Threshold	No data available	pH	No data available
Freezing Point	Less than 0°C	Initial Boiling Point	Greater than 100°C
Boiling Range	No data available	Flash point	55°C
Evaporation Rate	No data available	Flammability	No data available
Upper flammability limit	No data available	Lower flammability limit	No data available
Vapour Pressure	No data available	Vapour Density	No data available
Relative Density	0.900	Solubility	Insoluble in water
Partition Coefficient: n-octanol/water	No data available	Autoignition temperature	No data available
Decomposition temperature	No data available	Viscosity	Approx. 1 cPs

Section 10: STABILITY AND REACTIVITY

Chemical stability	Stable under normal ambient storage conditions. May oxidise over time, in heat or direct sunlight.
Conditions to avoid	Avoid exposure to sources of ignition or open flame. Avoid using in confined space or generating mists or vapours.
Incompatible materials	Incompatible with oxidizing agents and acidic agents, peroxides, halogens and vinyl chloride. Maybe slightly corrosive to aluminium and copper. May attack some forms of plastics, rubber and coatings.
Hazardous decomposition products	In case of fire, may produce hazardous decomposition products such as carbon monoxide, carbon dioxide and smoke.
Hazardous reactions	Not known.

Section 11: TOXICOLOGICAL INFORMATION

Acute toxicity	No data available.
Skin corrosion/ irritation	Product causes irritation, pain and reddening on skin contact.
Serious eye damage/ irritation	Product causes irritation, pain and reddening on eye contact.
Respiratory or skin sensitisation	d-Limonene: Mouse local lymphnode assay indicates an EC3 level of 22%. No visual increase in irritancy was reported during the study.
Germ Cell Mutagenicity	No data available.
Carcinogenicity	No components of this product present at levels greater than or equal to 0.1% is identified as probable, possible or confirmed human carcinogen by IARC.
Reproductive toxicity	No data available.
Specific Target Organ Toxicity – Single Exposure	No data available.
Specific Target Organ Toxicity – Repeated Exposure	No data available.
Aspiration Hazard	Aspiration of this product into the lungs causes serious lung damage. Aspiration of significant quantities of this product may be fatal.

Section 12: ECOLOGICAL INFORMATION

Ecotoxicity	No data available.
Persistence and degradability	No data available.
Bioaccumulative potential	No data available.
Mobility in soil	No data available.
Other adverse effects	No data available.

Section 13: DISPOSAL CONSIDERATIONS

Disposal method	Disposal to sewer is normally recommended with copious amounts of water. Refer to State/Territory Land Waste Management Authorities if applicable. Containers are recyclable and can be disposed of by a licensed waste contractor. Containers can be disposed of to general waste or rinsed thoroughly and recycled.
Special precautions	Suitable for incineration by approved agent.

Section 14: TRANSPORT INFORMATION

Classified as Dangerous Goods by the criteria of the Australian Dangerous Goods Code (ADG Code).

UN Number	1993
UN Proper Shipping	FLAMMABLE LIQUID, N.O.S. (D-limonene)
Class and subsidiary risk	3 – Flammable
Packing Group	III
Special precautions for	Not applicable
Hazchem Code	3[Y]

Section 15: REGULATORY INFORMATION

Poisons Schedule (SUSDP): None allocated

All ingredients are listed on the Australian Inventory of Chemical Substances (AICS).

Section 16: OTHER INFORMATION

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