



MATERIAL SAFETY DATA SHEET

Section 1: IDENTIFICATION

NEW GRAFFITI REMOVER

Recommended Use: Paint and ink remover for hard surfaces.

Product Code: 835

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

Classified as hazardous by the criteria of Safe Work Australia.

Irritant.

R36/38: Irritating to eyes and skin.

R43: May cause sensitisation by skin contact.

S24: Avoid contact with skin.

S37: Wear suitable gloves.

S41: In case of fire and / or explosion do not breathe fumes.

S60: This material and its container must be disposed of as hazardous waste.

S61: Avoid release to the environment.

Section 3: COMPOSITION INFORMATION

<u>Ingredient</u>	<u>CAS No</u>	<u>Proportion</u>
N-methylpyrrolidone	872-50-4	30-60%
D-limonene	5989-27-5	10-30%
Dipropylene glycol monomethyl ether	34590-94-8	10-30%
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.

Section 5: FIRE FIGHTING MEASURES

Suitable extinguishing media	Use dry chemical powder, water or carbon dioxide type extinguishers.
Hazards from combustion products	May emit toxic and/or irritating fumes including carbon monoxide, carbon dioxide, nitrogen oxides and other toxic gases.
Precautions for fire fighters and special protective equipment	Fire fighters should wear self contained breathing apparatus (SCBA) and complete protective clothing.
Additional information	Hazchem – Not Applicable. When heated above flash point it may release flammable vapours. Liquid may 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 – Not Applicable. Eliminate all sources of ignition. Ventilate area thoroughly and wear a suitable respirator if necessary to minimise inhalation. Wear suitable personal protective equipment such as protective gloves to prevent skin contact.
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 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 as C1 combustible liquid in accordance with Australian Standard 1940, the storage and handling of flammable and combustible liquids. Store in a cool, dry, well ventilated area away from sources of ignition. Store away from heat, naked flames or sparks. Keep container tightly sealed and store away from incompatible materials.

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>
N-methylpyrrolidone	872-50-4	25ppm 103mg/m ³	75ppm 309mg/m ³
Dipropylene glycol monomethyl ether	34590-94-8	100ppm 606mg/m ³	150ppm 909 mg/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 yellow/orange liquid	Boiling Point:	Greater than 100°C
Odour:	Solvent	Freezing Point:	Less than 0°C
pH:	Not available	Solubility:	Insoluble in water
Vapour Pressure:	Not available	Specific Gravity:	0.975
Vapour Density:	Not available	Flammable information:	Flash Point Greater than 60.5°C Method: Closed cup Upper and Lower Flammability limits (in air) Not Available. Ignition Temperature Not Available.

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 strong oxidizing agents and acidic agents, , halogens and vinyl chloride. Maybe slightly corrosive to aluminium and copper. Will attack some forms of plastics, rubber and coatings.
Hazardous decomposition products	Not known.
Hazardous reactions	Not known.

Section 11: TOXICOLOGICAL INFORMATION

HEALTH EFFECTS

Acute

- Swallowed** Considered an unlikely route of entry in commercial / industrial environments. May cause tissue irritation or damage in the mouth, throat and stomach. Aspiration may cause lung damage.
- Eye** Liquid and vapour may cause irritation.
- Skin** Skin irritant. Can be absorbed through skin.
- Inhaled** Vapour or mists may be irritating to respiratory system. Readily absorbed by inhalation. Strong odour causes discomfort to some people.

Chronic

- Swallowed** May cause liver and kidney damage.
- Eye** No effects known.
- Skin** May cause sensitization
- Inhalation** May cause sensitization

TOXICITY DATA

Dipropylene glycol monomethyl ether	LD ₅₀ 5400µL/kg (Oral, rat)	RTECS JM1575000
	LD ₅₀ 10mL/kg (Skin, rabbit)	
D-limonene	LD ₅₀ 4400mg/kg (oral, rat)	RTECS GW6360000
N-methylpyrrolidone	LD ₅₀ 3914mg/kg (oral, rat)	RTECS UY5790000

Section 12: ECOLOGICAL INFORMATION

Ecotoxicity	Not Known
Persistence and Degradability	Not Known
Mobility	Not Known

Section 13: DISPOSAL CONSIDERATIONS

Refer to state/Territory Land Waste Management Authority. Dispose of material through a licensed waste contractor. Normally suitable for incineration by approved agent.

Section 14: TRANSPORT INFORMATION

Not classified as Dangerous Goods by the criteria of the Australian Dangerous Goods Code (ADG Code).

UN Number	Not Applicable
UN Proper Shipping Name	Not Applicable
Class and subsidiary risk	Not Applicable
Packing Group	Not Applicable
Special precautions for user	Not applicable
Hazchem Code	Not Applicable

Section 15: REGULATORY INFORMATION

Poisons Schedule (SUSDP): Schedule 5 – CAUTION.

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

Section 16: Other Information

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