

SAFETY DATA SHEET



SAFE GRAFFITI REMOVER

SDS VERSION 1.0, 26TH SEPTEMBER 2017.

1. IDENTIFICATION OF THE MATERIAL AND SUPPLIER

PRODUCT NAME: SAFE GRAFFITI REMOVER

OTHER NAMES:

RECOMMENDED USE: Graffiti remover

SUPPLIER NAME: Green Kiwi Clean

ADDRESS: CHRISTCHURCH

EMAIL: info@greenkiwiclean.co.nz

Phone: 0800 35 35 85

Emergency Telephone: International: +643 479 7227
New Zealand: 0800 764 766 (NZ NATIONAL POISON CENTRE)

2. HAZARD IDENTIFICATION

HAZARD CLASSIFICATION: **HAZARDOUS** according to the criteria of the Globally Harmonised System of Classification and Labelling of Chemicals (GHS)



Hazard statement: **WARNING**

HSNO classes: **3.1D, 6.3A, 6.4A, 6.5B, 9.1B, 9.3C**

Hazard statement codes:

- H227 Combustible liquid.
- H315 Causes skin irritation.
- H320 Causes eye irritation.
- H317 May cause an allergic skin reaction.
- H411 Toxic to aquatic life with long lasting effects.

Prevention statements:

- P103 Read label before use.
- P210 Keep away from heat/sparks/open flames/hot surfaces. No smoking.
- P261 Avoid breathing fumes/mist/vapours.
- P264 Wash hands thoroughly after handling.
- P272 Contaminated work clothes should not leave of the workplace.
- P280 Wear protective gloves and eye/face protection.
- P273 Avoid release to the environment.
- P391 Collect spillage.

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Response statement codes:

- P303 + P361 + P352 IF ON SKIN/HAIR: Remove contaminated clothing immediately. Wash with plenty of soap and water.
- P304 + P340 IF INHALED: Breathe fresh air. Rest in a comfortable position.
- P308 + P313 IF exposed or concerned: Get medical advice/ attention.
- P312 Call a POISON CENTER or doctor/physician if you feel unwell.
- P332 + P313 If skin irritation occurs: Get medical advice/ attention.
- P362 Remove clothing and wash before re-use.
- P370 + P378: In case of fire, use carbon dioxide, dry chemical, foam.

Storage statement codes:

- P403 + P235 Store in a well-ventilated place. Keep cool.

HAZARD CATEGORY (GHS):

- Flammable liquids Category 3
- Aspiration Hazard Category 1
- Specific Target Organ Toxicity - Single Exposure Category 3
- Hazardous to aquatic environment Short term/Chronic Category 3

The information contained in this MSDS is specific to the product when handled and used neat. This product when diluted/ mixed may not require the same control measures as the neat product. Check with your technical representative if in doubt.

3. COMPOSITION / INFORMATION ON INGREDIENTS

The ingredients below are considered either hazardous, dangerous goods or poison scheduled according to the criteria of SWA, AUG Code and SUSDP (respectively) at the levels used in the product.

INGREDIENT	CAS No.	PROPORTION (% w/w)
2-Butoxyethanol	111-76-2	<20%
Terpene Hydrocarbons	8028-48-6	<20%

4. FIRST AID MEASURES

INGESTION: Rinse mouth out with water. Do NOT induce vomiting.

EYE CONTACT: Flush with water for several minutes. Remove contact lenses. Continue rinsing for at least 15 minutes.

SKIN CONTACT: Wash hands thoroughly after handling.

INHALATION: Remove from source of exposure to fresh air.

5. FIRE FIGHTING METHODS

SUITABLE EXTINGUISHING MEDIA: Carbon dioxide, dry chemical, foam.

HAZARDS FROM COMBUSTION: The major hazard in fires is usually inhalation of heated and toxic or oxygen deficient (or both), fire gases. There is very low risk of an explosion from this product if commercial quantities are involved in a fire. Firefighters should take care and appropriate precautions. Water spray may be used to cool drums involved in a fire, reducing the chances of an explosion. Violent steam generation or eruption may occur upon application of direct water stream on hot liquids. Smoke and fire decomposition products from this product may be toxic if inhaled. Take appropriate protective measures.

PRECAUTIONS FOR FIRE FIGHTERS AND SPECIAL PROTECTIVE EQUIPMENT: If a significant quantity of this product is involved in a fire, call the fire brigade. Fire fighters should wear self-contained breathing apparatus to minimise risk of exposure.

HAZCHEM CODE: 3Y

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6. ACCIDENTAL RELEASE MEASURES

EMERGENCY PROCEDURES: Spillages are slippery. Ensure adequate ventilation. In the event of a major spill, prevent spillage from entering drains or water courses. Evacuate the spill area and deny entry to unnecessary and unprotected personnel. As a minimum, wear goggles and gloves. Suitable materials for protective clothing include Nitrile, nitrile latex, fluoro carbon rubber, polychloroprene. If there is a chance of vapour build-up in the cleanup area, use a respirator.

CONTAINMENT AND CLEAN UP: Stop leak if safe to do so. Contain spill. Absorb onto sand, vermiculite or other suitable absorbent material. If spill is too large, or no absorbent material available, create a dike to stop spill spreading or accessing drains or waterways. Avoid using combustible material. Any electrical equipment should be non-sparking. Any equipment capable of building an electrostatic charge should be electrically grounded. Sweep up or collect recoverable product into labelled containers and dispose of promptly. Recycle containers where possible after careful cleaning. After spills, wash area preventing runoff from entering drains. If a significant quantity of material enters drains, advise emergency services. This material may be suitable for approved landfill. Check council regulations prior to disposal. Thoroughly wash protective clothing before storage or re-use.

7. HANDLING AND STORAGE

PRECAUTIONS FOR SAFE HANDLING: Keep exposure to this product to a minimum, and minimise the quantities kept in work areas. Avoid contact or contamination of product with incompatible materials. Transport and store upright.

CONDITIONS FOR SAFE STORAGE: Store in a cool, dry, well-ventilated area out of sunlight and away from other chemicals and foodstuffs. Containers should be kept closed in order to minimise contamination and evaporation. Check regularly for leaks or spills. Make sure that surrounding electrical devices and switches are suitable. Do not combine part drums of the same product, as this may cause contamination. Do not mix with other chemicals.

8. EXPOSURE CONTROLS / PERSONAL PROTECTION

NATIONAL EXPOSURE STANDARDS: No value assigned for this specific material by the National Occupational Health and Safety Commission (Worksafe Australia).

BIOLOGICAL LIMIT VALUES: No biological limit allocated.

ENGINEERING CONTROLS: Use only in a well ventilated area. If natural ventilation is inadequate, use of a fan is suggested.

PERSONAL PROTECTIVE EQUIPMENT: Recommend PVC/rubber gloves, safety glasses and safety shoes. Observe good standards of hygiene and cleanliness. Trousers, long sleeved shirt and closed shoes should be worn as a general precaution.

9. PHYSICAL AND CHEMICAL PROPERTIES:

APPEARANCE:	Clear liquid
ODOUR:	None
PH (NEAT):	Not applicable
SPECIFIC GRAVITY:	±0.739 at 20°C
VAPOUR PRESSURE:	No information available.
BOILING POINT / RANGE:	Not determined
FREEZING / MELTING POINT:	No information available.
SOLUBILITY:	Insoluble in water.
FLASH POINT:	72°C, Closed cup
Flammability Class:	Combustible
FLAMMABILITY LIMITS:	Unknown
IGNITION TEMPERATURE:	Unknown
SHELF LIFE:	2 years from date of manufacture (when stored as directed).

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10. STABILITY AND REACTIVITY

CHEMICAL STABILITY:	Stable under normal conditions of use. The shelf life is 2 years.
CONDITIONS TO AVOID:	Store in a cool, dry, well ventilated place, (below 30°C) away from sources of sparks or ignition. Keep containers tightly closed. Handle with care. Any nearby equipment should be flame proofed.
INCOMPATIBLE:	Strong oxidising agents.
FIRE DECOMPOSITION:	Combustion may form carbon dioxide, carbon monoxide or smoke. Water is also formed. Carbon monoxide poisoning produces headache, weakness, nausea, dizziness, confusion, dimness of vision, disturbance of judgment, and unconsciousness followed by coma and death.
POLYMERISATION:	This product will not undergo polymerisation reactions

11. TOXICOLOGICAL INFORMATION

No adverse health effects expected if the product is handled in accordance with this Safety Data Sheet and the product label. Symptoms or effects that may arise if the product is mishandled and overexposure occurs are:

INHALATION:	May irritate respiratory tract, sore throat, coughing, shortness of breath, dizziness, and nausea.
SKIN CONTACT:	Product is not harmful. It should present no hazards in normal use. However it may be slightly irritating, but is unlikely to cause more than mild transient discomfort.
EYE CONTACT:	Product may be mildly irritating to eyes, but unlikely to cause more than mild transient discomfort.
LONG TERM EXPOSURE:	No data for health effects associated with long term skin/eye exposure.
INGESTION:	May cause some abdominal pain, nausea, vomiting, diarrhea, and dizziness..
CARCINOGEN STATUS:	SWA: No significant ingredient is classified as carcinogenic by SWA, NTP or IARC.
ACUTE/CHRONIC TOXICITY:	No LD ₅₀ data available for the product.

12. ECOLOGICAL INFORMATION

ECOTOXICITY:	Toxic to aquatic organisms, may cause long-term adverse effects to the aquatic environment.
PERSISTENCE/DEGRADABILITY:	Product is biodegradable, will not accumulate in soil/water, or cause long term problems.
MOBILITY:	No information available.

13. DISPOSAL CONSIDERATIONS

This product may be recycled if unused, or uncontaminated. If it has been contaminated, reclaim (filtration/distillation), consider controlled incineration, or contact a specialist waste disposal company. Avoid unauthorised discharge of any chemicals to sewer.

14. TRANSPORT INFORMATION

ROAD AND RAIL TRANSPORT: NOT Classified as DANGEROUS GOODS by the criteria of the Australian Dangerous Goods Code (ADG Code) for transport by Road and Rail.

UN NUMBER:	
UN PROPER SHIPPING NAME:	
CLASS AND SUBSIDIARY RISK(S):	
PACKAGING GROUP:	
HAZCHEM CODE:	3Y

MARINE TRANSPORT: NOT Classified as DANGEROUS GOODS by International Maritime Dangerous Goods Code (IMDG Code) for transport by sea.

UN NUMBER:	
UN PROPER SHIPPING NAME:	
CLASS AND SUBSIDIARY RISK(S):	
PACKAGING GROUP:	

AIR TRANSPORT: NOT Classified as DANGEROUS GOODS by International Air Transport Association (IATA) for transport by air.

UN NUMBER:	
UN PROPER SHIPPING NAME:	
CLASS AND SUBSIDIARY RISK(S):	
PACKAGING GROUP:	

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15. REGULATORY INFORMATION

POISONS SCHEDULE (AUS): Not scheduled.

APVMA/AQIS/TGA STATUS: Not relevant.

AICS STATUS: Compliant with NICNAS regulations. "Hydrocarbons, C9-C11, n-alkanes, cyclics, <2% aromatics" and "Paraffins (petroleum), normal C5-20" (both liquid hydrocarbons) are mentioned in the SUSMP.

16. OTHER INFORMATION

MSDS ISSUE NUMBER: 001

MSDS ISSUE DATE: 25/09/2017

REASON(S) FOR ISSUE: New product.

THIS ISSUE NUMBER REPLACES ALL PREVIOUS ISSUES

GROUP STANDARD: HSR0002525, Cleaning product, combustible

In any event, the review and, if necessary, the re-issue of a MSDS shall be no longer than 5 years after the last date of issue.

LEGEND:

AICS Australian Inventory of Chemical Substances

APVMA Australian Pesticides and Veterinary Medicines Authority

AQIS Australian Quarantine and Inspection Service

AS Australian Standard (as issued by Standards Australia)

MSDS Material Safety Data Sheet

NOHSC National Occupational Health and Safety Commission

STEL Short Term Exposure Limit. A 15-min TWA exposure, not to be exceeded at any time during a working day, even if the 8-hour TWA average is within the TWA exposure standard. Exposures at the STEL should not exceed 15-min and should not be repeated more than 4 times per day. There should be at least 60-min between successive exposures at the STEL.

TGA Therapeutic Goods Administration

TLV Threshold Limit Value. TLV is a proprietary name registered by the American Conference of Governmental Industrial Hygienists (ACGIH) and refers to airborne concentrations of substances or levels of physical agents to which it is believed that nearly all workers may be repeatedly exposed day after day without adverse effect.

TWA Time Weighted Average. The average airborne concentration of a particular substance when calculated over a normal eight-hour working day, for a five-day working week.

This MSDS has been prepared from current technical data and summarises at the date of issue our best knowledge of the health and safety information of the product and in particular how to safely handle and use the product in the workplace. If clarification or further information is needed to ensure that an appropriate assessment can be made, the user should contact this company. Our responsibility for products sold is subject to our standard terms and conditions, a copy of which is sent to our customers and is also available upon request. This MSDS may only be reproduced in full. Summaries or excerpts from this MSDS may not contain all the relevant information and thus are not permitted.

End of MSDS