



## CALMARC CHEMICALS

### MANUFACTURING INDUSTRIAL CHEMISTS

16 GOONGARRIE ST, BAYSWATER W.A 6053.  
TELEPHONE : Bus. (08) 93782022 Mobile 0418 956 860 A/H (08) 9381 5052.  
Facsimile (08) 9377 2575 A.C.N 009 026 386. ABN 18 340 289 669

THIS PRODUCT IS A HAZARDOUS SUBSTANCE AS DEFINED BY SAFE WORK AUSTRALIA

#### SECTION 1 – CHEMICAL PRODUCT AND COMPANY INFORMATION

Product Name:	Graffi Paint Remover
Manufacture Code:	GPARG
Emergency Telephone No:	(08) 9378 2022 0408 940 669 (08) 9381 5052
Email:	accounts@calmarc.com.au
Creation Date:	7 September 2018
SDS Responsibility:	Calmarc Chemical's Technical Sales (08) 9378 2022 0408 940 669
Other Information:	This SDS summarises our best knowledge of the health and safety hazard information of the product and how to safely handle and use the product in the workplace. Each user should read this SDS and consider the information in the context of how the product will be handled and used in the workplace including in conjunction with other products. If clarification of further information is needed to ensure that an appropriate risk assessment can be made, the user should contact this company. Our responsibilities for products sold are subject to our standard terms and conditions. A copy of our terms and conditions and technical information pamphlets are available upon request.

#### **DISCLAIMER**

This information is based on the present level of knowledge about safety requirements not specific properties. The listed data is therefore subject to change and revision without notice and cannot be guaranteed. No warranty expressed or implied is made as to accuracy, reliability or completeness of the detail in this document.

#### SECTION 2 – HAZARDS INFORMATION/EMERGENCY OVERVIEW

<b>Globally Harmonised System</b>	
Hazard Classification	Hazardous according to the criteria of the Globally Harmonised System of classification and labelling of Chemicals (GHS).
Signal Word	<b>DANGER</b>
<b>ACUTE HEALTH EFFECTS</b>	
Swallowed	Harmful if swallowed. Causes butns. Causes vomiting, pain and diarrhea.
Eye	Vapours may irritate the eyes. Liquid or mists may severely irritate or damage the eyes.
Skin	Causes servere burns.



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**Inhalation** Causes severe burns. Causes difficulty breathing, low blood pressure, sleepiness, cyanoderma and pulmonary congestion, cough, pain. If enough is inhaled can cause lung edema after 5-72 hours.

**Chronic** Long term exposure by swallowing or repeated inhalation, may cause degenerative changes in the liver, kidneys, gastrointestinal tract and heart muscle.

### SPECIAL HEALTH EFFECTS

**Environmental** Do not allow products to enter drinking water, rivers and streams as it may harm vegetation and wildlife.

GHS Classification	Pictogram	Hazard Statement
Flammable Liquid Category 2		H225 – Highly flammable liquid and vapour.
Skin Corrosion/Irritation Category 1A  Acute Toxicity (Oral) Category 4		H314 – Causes severe skin burns and eye damage.  H302 – Harmful if swallowed.
Corrosive to Metals Category 1		H290 – May be corrosive to metals.

<b>GENERAL</b>	P101 If medical advice is needed, have product container or label at hand. P102 Keep out of reach of children. P103 Read label before use.
<b>PREVENTATIVE</b>	P210 Keep away from heat/sparks/open flames/hot surface – Non smoking. P233 Keep container tightly closed. P234 Keep only in original container. P240 Ground/Bond container and receiving equipment. P241 Use explosion-proof electrical/ventilation/lighting equipment. P242 Use only non sparking tools. P243 Take precautionary measures against static discharge. P260 Do not breathe dust/fumes/spray or vapours. P264 Wash hands thoroughly after using. P270 Do not eat, drink or smoke when using this product. P280 Wear protective gloves/protective clothing and eye/face protection. P281 Use personal protective equipment is required.



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<b>RESPONSE</b>	
P301 + P312 P330 + P331 P303 + P361 + P353	IF SWALLOWED: Call a POISON CENTRE or doctor if you feel unwell. Rinse mouth. Do not induce vomiting. IF ON SKIN (or hair): Take off contaminated clothing and wash before reuse. Rinse skin with water/shower.
P370-P378 P304 + P340	In case of fire: Use foam/water spray/fog for extinction. IF INHALED: Remove victim to fresh air and keep in a rest position comfortable for breathing
P362 P305 + P351 + P338	Take off contaminated clothing and wash before reuse. 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.
<b>STORAGE</b>	
P405 P403 + P235	Store locked up. Store in a well-ventilated place. Keep cool.
<b>DISPOSAL</b>	
P501	Dispose of contents/container in accordance with local/regional/national/international regulations.

### SECTION 3 – COMPOSITION/INFORMATION ON INGREDIENTS

INGREDIENTS	CAS No.	CONCENTRATION
Ethanol	64-17-5	30-60% m/m
1-Phenoxy-2-propanol	770-35-4	30-60% m/m
Potassium Hydroxide	1310-58-3	<10%

### SECTION 4 – FIRST AID MEASURES

<b>Swallowed</b>	Do not induce vomiting unless instructed by a doctor. Rinse mouth with water. Never give or induce anything to an unconscious patient. Seek immediate medical advice.
<b>Eye</b>	Rinse with plenty of water for at least 15 minutes while holding eyelids open. Take care not to rinse contaminated water into the non-affected eye. Seek immediate medical assistance.
<b>Skin</b>	Remove contaminated clothing. Rinse affected area thoroughly with plenty of soap and water for 15 minutes or until no evidence of the product remains. Wash all clothing before reuse. Seek medical advice.
<b>Inhalation</b>	Remove from exposure to fresh air. If patient is not breathing, give artificial respiration. If breathing is difficult, give oxygen. Do NOT use mouth to mouth method. Induce artificial respiration with the aid of a pocket mask equipped with a one way valve or other proper respiratory medical device. Obtain medical assistance.
<b>Advice to Doctor</b>	Treat symptomatically.



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#### SECTION 5 – FIRE FIGHTING MEASURES

<b>Fire and Explosion</b>	There is a moderate risk of explosion if the product is involved in a fire.
<b>Ventilation</b>	Always have some form of ventilation when using or storing this product.
<b>Autoignition Temperature</b>	392°C
<b>Source of Ignition</b>	Keep away from open flame, sparks, high sources of heat transmission and static electricity discharge.
<b>Flash Point</b>	13°C(closed cup)
<b>Extinguishing Media</b>	Carbon Dioxide, dry chemical foam, water fog, water spray.
<b>Special Fire Fighting Procedures</b>	None
<b>Decomposition Products</b>	Carbon dioxide, carbon monoxide, water.
<b>Reactivity</b>	Keep away from strong acids and oxidising agents.
<b>Protection of Firefighters</b>	Wear safety boots, non-flammable overalls, gloves, safety hat (with face shield) or firefighter helmet (preferred), goggles and self-contained breathing apparatus. All skin areas should be covered. Block all drains and water courses to inhibit any spillage into them.

#### SECTION 6 – ACCIDENTAL RELEASE MEASURES

<b>Spills and Disposal</b>	Prevent product entering drains and water courses. Stop leaks in containers. Use absorbents, such as vermiculite, attapulgite, cardboard or sand. Collect absorbent with absorbed product and place into separate labelled containers for recycling, salvage or disposal at a receipt depot for dangerous or hazardous goods. Rinse area with water and collect rinsings using a mop or wet vacuum cleaner. Launder all contaminated clothing or wiping rags before re-use.
<b>Cleaning Protection</b>	Avoid contact with spilled or released material. Shut off leaks, if possible without personal risks. Isolate hazard area and deny entry to unnecessary or unprotected personal. For small spills (< 1 drum), transfer by mechanical means to a labelled, sealable container for product recovery or safe disposal. Allow any residues to evaporate or use an appropriate absorbent material and dispose of safely. For larger spills (> 1 drum), transfer by means, such as a vacuum tank to a salvage tank for recovery or disposal. Do not flush residues with water. Retain as contaminated waste. Allow any residues to evaporate or use appropriate absorbent material and dispose of safely.



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#### SECTION 7 – HANDLING AND STORAGE

<b>Protection against explosions and fires</b>	Keep containers on site away from sources of heat, sparks and earth if necessary, for static electricity. Use secure locked storage if possible and have forced or natural ventilation over worksite or storage areas.
<b>Packages</b>	The product is supplied in high density polypropylene bottles, jerry cans or cubes. Packaging group type II and III.
<b>Storage</b>	After decanting from containers, tightly reseal containers and store immediately. Store away from food stuffs. Store in a cool, dry, well-ventilated area under cover between 5°C and 30°C. Store containers away from any heat sources, sparks. Do not store with oxidising agents or acids.

#### SECTION 8 – EXPOSURE CONTROLS/PERSONAL PROTECTION

<b>Exposure Limits</b>	The ingredients of which components with established NOHSC exposure standards are listed below. Other ingredients do not have established NOHSC exposure standards.
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INGREDIENTS	TWA (Time Weighted Average)	STEL (Short Term Exposure Limit)
Ethanol	1000 ppm	None
Potassium Hydroxide	2 mg/m <sup>3</sup>	-

<b>Engineering Measures</b>	Ventilation must be adequate to ensure the working environment is below TWA value, other wise use respiratory protection. For information or respiratory protection consult AS 1716 and see 'respiratory requirements' below.
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Airborne Exposure Limits	No airborne exposure limits have been established.
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#### PERSONAL PROTECTIVE EQUIPMENT

<b>Eye/Face Protection</b>	Wear safety glasses, goggles or preferably a face shield. In enclosed non-ventilated areas, an air line to full head cover helmet with mask may be necessary. Breathing mask to be suitable for organic vapours.
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<b>Skin/Body Protection</b>	Wear nitrile or PVC gloves for 8-hour day. Short-term protection (1 hour), natural rubber is suitable. Wear full coverall clothing protection with safety boots.
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<b>Hygiene Measure</b>	Wash hands before meal breaks and at the end of a work period. Any contaminated clothing should be removed. Avoid inhaling any fumes on a long-term basis.
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#### SECTION 9 – PHYSICAL AND CHEMICAL PROPERTIES

Substance	Formulation blend of chemicals
Physical Form	Liquid
Colour	Honey yellow
Odour	Sweet Alcoholic
pH	9-10
Boiling Point	78°C at 100 kPa
Melting Point	Not Applicable
Flash Point	16°C (Closed cup)
Freezing Point	-80°C
Autoignition	392°C
Water Solubility	Miscible with water
Vapour Pressure	5.9 kPa @ 20°C
Specific Gravity	0.93 g/cc

#### SECTION 10 – STABILITY AND REACTIVITY

<b>Stability</b>	Stable as supplied at normal (average) atmospheric temperatures.
<b>Reactivity</b>	Reactive to strong oxidisers, strong bases.
<b>Decomposition Products</b>	Decomposition products are carbon monoxide, carbon dioxide, water. No polymerisation takes place.

#### SECTION 11 – TOXICOLOGICAL INFORMATION

None known.

#### SECTION 12 – ECOLOGICAL INFORMATION

<b>Ecotoxicity</b>	Fish: Expected to be harmful. Aquatic Invertebrates: Expected to be harmful. Algae: Expected to be toxic. Microorganisms: Expected to be harmful.
<b>Mobility</b>	Miscible with water.
<b>Persistence/Degradability</b>	Biodegradable
<b>Special Precautions</b>	None

#### SECTION 13 – DISPOSAL CONSIDERATIONS

<b>Waste Disposal</b>	Allow absorbents to dry out in the open atmosphere. Contaminated product should be reprocessed by an approved organisation. Place any dried absorbent in plastic bags, seal and dispose at an approved site.
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#### SECTION 14 – TRANSPORT INFORMATION

Shipping Name	Flammable/ Corrosive Liquid
Dangerous Goods Class	3
Subsidiary Risk	8
UN Number	1170
Packaging Group	II
I.E.R.G. No.	14
HAZCHEM	2X

#### SECTION 15 – REGULATORY INFORMATION

Poison Schedule 6

#### SECTION 16 – OTHER INFORMATION

The details in this document are based on the state of our knowledge at the time of revision. They do not constitute an assurance of the described product properties in terms of statutory warranty requirements.

The providing of this document to a recipient does not relieve the recipient of his or her responsibility toward compliance with all laws and stipulations applicable to the product.

Directions for use are on the label and brochure describing **Graffi Paint Remover**.

SDS NEXT REVIEW DATE 6 September 2024

**END OF SDS FOR GRAFFI PAINT REMOVER**