surface preparation & maintenance products for industry professionals

MATERIAL SAFETY DATA SHEET

SECTION 1 –IDENTIFICATION

Product Name **GR**

Recommended Use **Graffiti Remover**

Supplier Eco Coating Systems
ACN : 109 331 946
Street Address PO Box 2141, Noosaville BC
Queensland 4566 AUSTRALIA

Telephone Number 0419 150 814
Facsimilie (07) 5449 0510
Email ecocoatingsystems@bigpond.com

SECTION 2 – HAZARDS INDENTIFICATION

Hazardous according to criteria of ASCC

Hazard Category : Xn (Harmful)

Risk Phrases

R20/22	Harmful by inhalation and if swallowed
R65	Harmful : May cause lung damage if swallowed

Safety Phrases

S2	Keep out of reach of children
S13	Keep away from food, drink and animal foodstuffs
S23	Do not breathe gas/fumes/vapour/spray
S24/25	Avoid contact with skin and eyes
S26	In case of contact with eyes, rinse immediately with plenty of water and seek medical advice
S33	Take precautionary measures against static discharges
S37/39	Wear suitable gloves and eye/face protection
S62	If swallowed, do NOT induce vomiting; seek medical advice immediately

SECTION 3 – COMPOSITION / INFORMATION ON INGREDIENTS

Ingredient	CAS Number	Proportion (%m/m)
Benzyl Alcohol	100-51-6	M
D-Limonene	5989-27-5	M
Ethylene glycol monobutyl ether	111-76-2	M
Non ionic surfactant	9016-45-9	L

H>60% M=10-60% L=<10%

SECTION 4 – FIRST AID MEASURES

First Aid

Swallowed:	If swallowed DO NOT induce vomiting. Give a glass of water to drink. Seek immediate medical assistance or contact the Poisons Information Centre.
Eye:	If in eyes, hold eyelids apart and flush continuously with running water. Continue flushing until advised by the Poisons Information Centre or a doctor, or for at least 15 minutes
Skin:	If skin or hair contact occurs, remove contaminated clothing and flush skin and hair with running water.
Inhaled	Remove victim from further exposure. Remove contaminated clothing and loosen remaining clothing. Allow patient to assume most comfortable position. Seek medical attention if effects persist. If not breathing apply artificial respiration

Advice to Doctor

Treat symptomatically.

SECTION 5 – FIRE FIGHTING MEASURES

Fire/Explosion Hazard

Above flash point, vapor-air mixtures are explosive within flammable limits noted above. Vapors can flow along surfaces to distant ignition source and flash back. Contact with strong oxidizers may cause fire. Sensitive to static discharge. Fumes containing carbon dioxide, carbon monoxide and sulfur dioxide may be formed in large fires. Keep containers cool by spraying with water to prevent pressure building up inside the drums, causing them to burst.

Extinguishing Media

Use water spray, 'alcohol' foam, dry chemical or carbon dioxide. Avoid using large quantities of water.

SECTION 6 – ACCIDENTALRELEASE MEASURES

Spills

Ventilate area of leak or spill. Remove all sources of ignition. Wear appropriate personal protective equipment. Isolate hazard area. Keep unnecessary and unprotected personnel from entering. Contain and recover liquid when possible. Use non-sparking tools and equipment. Collect liquid in an appropriate container or absorb with an inert material (eg vermiculite, dry sand, or earth), and place in a chemical waste container. Do not use combustible materials, such as sawdust. Place used absorbent in suitable sealed containers, follow state or local authority regulations and guidelines for the disposal of the waste. Clean area with detergent and water.

SECTION 7 – HANDLING AND STORAGE

Handling : Avoid skin and eye contact

Storage : Protect against physical damage. Store in a cool, dry well-ventilated location, away from any area where the fire hazard may be acute. Outside or detached storage is preferred. Separate from oxidizing materials. Containers should be bonded and grounded for transfers to avoid static sparks. Storage and use areas should be NO SMOKING areas. Containers of this material may be hazardous when empty since they retain product residues (vapors, liquid); observe all warnings and precautions listed for the product.

SECTION 8 – EXPOSURE CONTROLS / PERSONALPROTECTION

Occupational Exposure Limits : No value assigned for this specific material by the Occupational Health and Safety Commission.

Engineering Control Measures : Natural ventilation should be adequate under normal use conditions, Keep containers closed when not in use.

Personal Protective Equipment :

Eye: Safety glasses with side shields and/or face shield

Hands: Impervious plastic or rubber gloves.

Other: Overalls and protective footwear.

Respirator: Use with adequate ventilation.

Always wash hands before eating, drinking, smoking or using the toilet.
Wash contaminated clothing and other protective equipment before storage and reuse.

SECTION 9 – PHYSICAL AND CHEMICAL PROPERTIES

Appearance/Odour:	Water White Liquid	pH (as is):	6 to 8
Melting Point:	0°C	Flash Point:	> 65ºC
Boiling Point:	200°C (approximately)	Vapour Pressure	40 mmHg @19ºC
Density:@ 25°C	0.96 grams/mL (approximately)	Flammable Limits:	Not applicable
Solubility:	Emulsifiable		

SECTION 10 – STABILITY AND REACTIVITY

Stability Incompatible with strong oxidising agents and strong acids

Reactivity May react with strong oxidants and strong acids

SECTION 11 – TOXOLOGICAL INFORMATION

Health Effects

No adverse health effects expected if the material is handled in accordance with the Material Safety Data Sheet. Symptoms that may arise if the material is mishandled are :

Acute Effects

Swallowing: This product may cause damage to the gastro-intestinal tract.
Ingestion may result in nausea, abdominal irritation, pain and vomiting.

Eye: An eye irritant. Contamination of the eyes with may produce corneal damage

Skin: Skin contact results in loss of natural oils. On repeated or prolonged skin contact may lead to irritant contact dermatitis.

Inhaled: Prolonged exposure may cause drowsiness. The vapour or mist is irritating.

Chronic Effects

Principal routes of exposure are by accidental skin or eye contact
Prolonged or repeated skin contact may cause drying with cracking, irritation and possible contact dermatitis.

SECTION 12 – ECOLOGICAL INFORMATION

Avoid contaminating waterways.Spills should be contained, absorbed by sand or earth and placed in sealed plastic or epoxy-lined drums for disposal

SECTION 13 – DISPOSAL CONSIDERATIONS

Refer to Waste Management Authority . Normally suitable for disposal at approved land waste site

SECTION 14 – TRANSPORT INFORMATION

Not classified as a Dangerous Good by the Criteria of the Australian Dangerous Good Code

Proper Shipping Name :	Not required
UN Number :	Not applicable
Dangerous Goods Class :	Not applicable
Subsidiary Risk :	Not applicable
Hazchem Code :	Not applicable
Packing Group :	Not applicable

SECTION 15 – REGULATORY INFORMATION

Classification	Based upon information, classified as hazardous according to criteria of ASCC
Poisons Schedule	Schedule 5

SECTION 16 – OTHER INFORMATION

Contact Points

Organisation	**Location**	**Telephone**	**Ask For**
Eco Coating Systems	Queensland, Australia	0419 150 814	Technical Manager
Poisons Information Centre		13 1126	

MSDS are updated frequently. Please ensure that you have a current copy.

This MSDS summarises our best knowledge of the health and safety hazard information of the product; how to safely handle and use the product in the workplace. If clarification or further information is needed to ensure that an appropriate risk assessment can be made, the user should contact Eco Coating Systems. Our responsibility for products sold are subject to our standard terms and conditions. Which is available on request. Where health or safety data given discloses a risk to the user or environment, it is the responsibility of the Purchaser to pass on that information to employees or those who may be using the product, ensuring that adequate safety procedures are used including good industrial hygiene.