

Material Safety Data Sheet

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Issue date: October 2006

Not classified as Hazardous according to criteria of Worksafe Australia

G - SOL

1. CHEMICAL PRODUCT AND COMPANY IDENTIFICATION

Brisbane Total Cleaning Supplies

ABN 30 239 269 224

Unit 9, 29 Moreton Bay Road

CAPALABA QLD 4157

Phone: +61 7 3823 1822

Fax: +61 7 3823 1949

Email: sales@btcs.com.au

Product Name:

G -SOL

Synonyms:

COMPLETE GRAFFITI REMOVER

Manufacturer's Product Code(s):

G - SOL

Use:

GRAFFITI REMOVER

UN Number:

None allocated

Proper Shipping Name:

None allocated

Dangerous Goods Class:

None allocated

Subsidiary risk:

None allocated

Packing Group:

None allocated

Hazchem Code:

None allocated

Poison Schedule:

None allocated

2. COMPOSITION / INFORMATION ON INGREDIENTS

SUBSTANCE NAME	Proportion	CAS Number
DIMETHYL GLUTARATE BLEND	30% to 60%	Proprietary Mixture
DIMETHYL ADIPATE BLEND	10 to 30%	Proprietary Mixture
OTHER INERT INGREDIENTS	BALANCE	

3. HAZARD IDENTIFICATION

Not classified as hazardous according to the criteria of Worksafe Australia

Hazard category: none allocated

ACUTE HEALTH EFFECTS

Swallowed: May cause irritation to mouth, throat and stomach with effects including mucous build up, irritation to the tongue and lips and pains in the stomach, which may lead to nausea, vomiting and diarrhoea.

Eye: May cause irritation to the eyes, with effects including: tearing, pain, stinging and blurred vision.

Skin: May cause irritation to the skin, with effects including redness and itchiness.

Inhaled: Mists from the product may cause irritation to the nose, throat and respiratory system with effects including: Cough, discomfort, difficulty breathing and shortness of breath.

Chronic: None allocated

4. FIRST AID MEASURES

Swallowed: If swallowed, do not induce vomiting. Give 3 to 4 glasses of water to drink. Seek immediate medical assistance.

Eye: If material is splashed into eyes, immediately, flush with plenty of water for 15 minutes, ensuring eyelids are held open. If irritation persists transport to hospital or doctor.

Skin: If material is splashed onto the skin, remove any contaminated clothing and wash skin thoroughly with soap and water. If irritation persists transport to hospital or doctor.

Inhaled: Move victim to fresh air. Apply resuscitation if victim is not breathing.

First Aid Facilities: Eye wash fountain, safety shower and normal washroom facilities.

Advice to Doctor: Activated charcoal may be beneficial. Suspend 50g activated charcoal in 400ml water and mix well. Administer 5ml/kg, or 350ml for an average adult.

In case of poisoning, contact Poisons Information Centre

In Australia call Tel: 131126

In New Zealand Tel: 034747000

5. FIRE-FIGHTING MEASURES

Fire/Explosion Hazard: If safe to do so, move undamaged containers from fire area.

Hazardous Decomposition Products: Decomposes on heating emitting carbon monoxide.

Fire Fighting Procedures: Fire fighters to wear Self-contained breathing apparatus (SCBA) in confined spaces, in oxygen deficient atmospheres or if exposed to products of decomposition. Full protective clothing is also recommended.

Extinguishing Media: Use extinguishing media suitable for surrounding fire situation.

Flammability: This material is not a flammable or combustible liquid.

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6. ACCIDENTAL RELEASE MEASURES

Material may be slippery when spilt. Walk cautiously. Ventilate area. Wear protective equipment to prevent skin and eye contact, as outlined under personal protection in this MSDS. Bund area using sand or soil - to prevent run off into drains and waterways. Use absorbent (soil, sand, vermiculite or other inert material). Collect and seal in properly labeled containers for disposal.

7. HANDLING AND STORAGE

Store in a cool place and out of direct sunlight. Store away from sources of heat or ignition. Store away from oxidizing agents. Keep containers closed, when not using the product. Store in original packages as approved by manufacturer.

8. EXPOSURE CONTROLS / PERSONAL PROTECTION

Exposure Standards: No exposure standards have been assigned by the National Occupational Health & Safety Commission (NOHSC) for this product or any of the components:

Engineering Controls: Maintain adequate ventilation at all times. In most circumstances natural ventilation systems are adequate unless the material is heated, reacted or otherwise changed in some type of chemical reaction, then the use of a local exhaust ventilation system is recommended.

Personal Protection Equipment

GLOVES: Not normally required, however, if handling large quantities or if the skin is likely to be exposed to this product over prolonged periods, then the use of butyl rubber is recommended.

EYES: Chemical goggles or face shield to protect eyes.

RESPIRATORY PROTECTION: Avoid breathing of vapours/gases. Select and use respirators in accordance with AS/NZS 1715/1716. The use of a dust mask (disposable) or a half-face respirator with P1 filter is recommended. Filter capacity and respirator type depends on exposure levels and type of contaminant. If entering spaces where the airborne concentration of a contaminant is unknown then the use of a Self-contained breathing apparatus (SCBA) with positive pressure air supply complying with AS/NZS 1715 / 1716, or any other acceptable International Standard is recommended.

9. PHYSICAL AND CHEMICAL PROPERTIES

Appearance:	Pale pink, clear free-flowing liquid with low/sweet odour level.
Boiling Point Melting Point:	196 - 225 °C
Vapour Pressure:	0.2 mm Hg @ 20 °C
Specific Gravity:	1.092 @ 20 °C
Flash Point:	100 °C
Flammability Limits:	In air % by volume = LEL 0.9, UEL 8.0
Solubility in Water:	5.3 WT% @ 20 °C
Auto ignition:	370 °C

10. STABILITY AND REACTIVITY

STABILITY: Stable under normal conditions of use.

HAZARDOUS DECOMPOSITION PRODUCTS: Emits smoke and fumes when heated to decomposition.

HAZARDOUS POLYMERIZATION: Will not occur.

INCOMPATIBILITIES: Strong alkalis, acids and oxidizing agents.

CONDITIONS TO AVOID: High temperatures and incompatibles.

11. TOXICOLOGICAL INFORMATION

Animal Data:

Inhalation 4 - hour LC 50:	>11 mg/L in rats
Inhalation 1 - hour LC 50:	>10.7 mg/L in rats
Skin absorption LD 50 :	>2,250 mg/kg in rabbits
Oral LD50 :	8,191 mg/kg in rats

No pathological abnormalities noted. Indications are that this mixture does not have developmental, or reproductive effects.

12. ECOLOGICAL INFORMATION

96 hour LC 50 - Fathead minnows: 18 - 24 mg/L moderately toxic

48 hour - Daphnia magna: 112 - 150 mg/L

This product is considered to be readily biodegradable.

13. DISPOSAL CONSIDERATIONS

Refer to appropriate authority in your State. Dispose of material through a licensed waste contractor.

Recover unusable free liquid and dispose into either an approved incinerator or approved and permitted biological treatment system.

Normally suitable for disposal by approved waste disposal agent.

14. TRANSPORT INFORMATION

UN Number: None allocated

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Proper Shipping Name: None allocated
Dangerous Goods Class: None allocated
Subsidiary risk: None allocated
Packing Group: None allocated
Hazchem Code: None allocated

Not classified as a Dangerous Good according to the Australian Code for the Transport of Dangerous Goods by Road and Rail (ADG Code) 6th Edition. Not classified as a Dangerous Good according to the UN, DOT (US), IACO (IATA) or IMO (IMDG).

15. REGULATORY INFORMATION

None allocated

RISK PHRASES

None allocated

SAFETY PHRASES

S24/25 Avoid contact with skin and eyes.

16. OTHER INFORMATION

Contact Point

Sales 07 3823 1822

Fax 07 3823 1949

Mob 0428 835 955

Disclaimer

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In case of poisoning, contact Poisons Information Centre

In Australia call Tel: 13 11 26

In New Zealand Tel: 034 747 000