



MATERIAL SAFETY DATA SHEET

SECTION 1 IDENTIFICATION OF THE MATERIAL AND SUPPLIER

Product name: The Maintenance Solution
Other names:
Recommended use: Heavy duty cleaner/degreaser
Supplier
Name: Global Safe Technologies (Australia) Pty Ltd
Address: 23/159 Chifley Street
Wetherill Park, NSW 2164
Telephone: 1 300 668 620
Emergency Telephone: 1 300 668 620

SECTION 2 HAZARDS IDENTIFICATION

Not a hazardous substance as classified according to the criteria published in NOHSC document *Approved Criteria for Classifying Hazardous Substances* [NOHSC: 1008(1999)]. Non-dangerous goods.

Potentially harmful by contact with skin. Can be corrosive to eyes, respiratory system and skin.

Risk Phrases: R36/38 Irritating to eyes and skin

Safety Phrases: S1/2 Keep locked up and out of reach of children.
S26 In case of contact with eyes, rinse immediately with plenty of water and seek medical advice.
S37/39 Wear suitable gloves and eye/face protection.
S45 In case of accident or if you feel unwell, seek medical advice immediately (show the label wherever possible).

SECTION 3 COMPOSITION/INFORMATION ON INGREDIENTS

<u>Ingredient</u>	<u>CAS Number</u>	<u>Concentration</u>
2-butoxyethanol	111-76-2	5-10%
Potassium hydroxide	1310-59-3	<1%
Quaternary ammonium compounds	68424-85-1	<1%
Sodium metasilicate	6834-92-0	1-5%



SECTION 4 FIRST AID MEASURES

- Skin contact:* Remove contaminated clothing.
Wash affected areas thoroughly with large volumes of water for 15 to 30 minutes.
Get medical attention if irritation persists.
- Eye contact:* Rinse carefully and thoroughly with water for 20 minutes while holding eye lid open.
Seek medical attention immediately.
- Inhalation:* Remove to fresh air. If not breathing, give artificial respiration. If breathing is difficult, a qualified person may give oxygen.
Get medical attention.
- Ingestion:* Do not induce vomiting if conscious.
Give large volume of water or milk.
Call physician.

SECTION 5 FIRE FIGHTING MEASURES

- Conditions of flammability:* Requires a source of ignition.
- Hazardous combustion products:* Carbon dioxide. Toxic gases.
- Extinguishing media:* Use extinguishing media suitable for surrounding fire.

SECTION 6 ACCIDENTAL RELEASE MEASURES

- Emergency procedures:* Wear protective clothing, gloves (pvc/neoprene) and safety goggles.
- Methods and materials for containment and clean up:* Prevent spill from entering drains or watercourses. Cover with absorbent material and sweep up into suitable containers. Rinse spill area with water.



SECTION 7 HANDLING AND STORAGE

<i>Precautions for safe handling:</i>	Avoid prolonged or frequent contact. Avoid breathing mist or vapours. Use personal protective equipment where required.
<i>Storage:</i>	Keep separate from food stuffs. Store in ventilated area in totally closed container and out of reach of children.
<i>Incompatibilities:</i>	Avoid exposure of product to strong oxidisers or acids.

SECTION 8 EXPOSURE CONTROLS/PERSONAL PROTECTION

<i>Exposure standards:</i>	None allocated in Australia
<i>Engineering controls:</i>	None required. Normal ventilation adequate.
<i>Personal Protective Equipment and Practices:</i>	Protective clothing to protect against splashes and contamination. Gloves (pvc/neoprene). Safety goggles or face shield. Wash after use and before eating, smoking or using the toilet.

SECTION 9 PHYSICAL AND CHEMICAL PROPERTIES

<i>Physical state:</i>	Liquid
<i>Appearance and odour:</i>	Purple liquid, solvent odour.
<i>Boiling point:</i>	Approximately 100°C
<i>Freezing point:</i>	Approximately 0°C
<i>Specific gravity:</i>	1.05 (20°C)
<i>Solubility:</i>	Soluble in water
<i>pH:</i>	11.4

SECTION 10 STABILITY AND REACTIVITY

<i>Chemical stability:</i>	Stable under normal conditions.
<i>Incompatibilities:</i>	Strong oxidisers. Acids



Hazardous decomposition products: Not available.

Hazardous reactions: Not available.

SECTION 11 TOXICOLOGICAL INFORMATION

Skin contact: Corrosive. May cause severe irritation or permanent damage if not treated promptly.

Inhalation: Corrosive. Spray or mist may cause respiratory tract irritation.

Ingestion: Corrosive. May cause severe irritation of the digestive tract and severe damage if not treated promptly.

Effects of chronic exposure: Not available.

Irritancy of product: Very irritating to skin and eyes.

Sensitisation: No evidence to indicate product if a sensitiser.

SECTION 12 ECOLOGICAL INFORMATION

Ecotoxicity: Release of large quantities into aquatic environments may harm aquatic organisms.

SECTION 13 DISPOSAL CONSIDERATIONS

Disposal methods: Dispose of unused or recovered product in accordance with state regulations/requirements. Contact local environment protection authority or a reputable waste disposal company for local requirements.

SECTION 14 TRANSPORT INFORMATION

Not classified as a dangerous good for transport purposes



SECTION 15 REGULATORY INFORMATION

Chemical Inventory Status

<u>Ingredient</u>	<u>Australia</u>	<u>TSCA</u>	<u>Canada</u>
2-butoxyethanol (CAS 111-76-2)	Yes	Yes	Yes (DSL)
Potassium hydroxide (CAS 1310-59-3)	Yes	Yes	Yes (DSL/NDSL)
Quaternary ammonium compounds (CAS 68424-85-1)	Yes	Yes	Yes (DSL)
Sodium metasilicate (CAS 6834-92-0)	Yes	No	Yes (DSL)

SECTION 16 OTHER INFORMATION

The information contained in this MSDS is for the product as supplied. Hazards may change if the product is mixed with other substances.

Prepared: 21 January 2004

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