

## SAFETY DATA SHEET

### Section 1. Identification of the material and the supplier

Product Name: **Outdoor Stone & Metal Cleaner**  
 Product Use: Surface cleaning  
 Restriction of Use in NZ: Refer to Section 15

Manufacturer: **Guardzman Australia Pty Ltd**  
 13 Columbia Way  
 Baulkham Hills  
 NSW, 2153  
 Australia

Tel: 1800 249 252  
**Australian Emergency No 13 11 26 (National Poison Centre)**

New Zealand Supplier: Guardzman Australia Pty Ltd  
 New Zealand Contact No: 0800 442 343  
**New Zealand Emergency No: 0800 764 766 (National Poison Centre)**

Date of SDS Preparation: 26 June 2023

### Section 2. Hazards Identification

**Australia:**

NOT Classified as Hazardous according to the Globally Harmonised System of Classification and labelling of Chemicals (GHS) including Work, Health and Safety regulations, Australia

**New Zealand:**

Classified as NOT hazardous according to Regulation (EC) No. 1272/2008 [CLP] which meets New Zealand jurisdiction criteria as per EPA Hazardous Substances (Safety Data Sheets) Notice 2017.

### Section 3. Composition / Information on Hazardous Ingredients

Ingredients	Wt%	CAS NUMBER.
(2-methoxymethylethoxy)propanol	>2.5 - <10	34590-94-8
Anionic surfactants	<5%	Proprietary

### Section 4. First Aid Measures

Routes of Exposure:

If in Eyes: Rinse opened eye for several minutes under running water. If eye irritation persists: Get medical advice.

If on Skin: Generally the product does not irritate the skin. If on skin wash with water. Seek medical attention in the event of irritation.

If Swallowed: If accidentally swallowed rinse mouth with water. Never give anything by the mouth to an unconscious patient. If vomiting occurs give further water. Seek medical advice.

If Inhaled

Remove victim to fresh air and keep at rest in a position comfortable for breathing. Get medical advice if breathing becomes difficult.

**Most important symptoms and effects, both acute and delayed**

Symptoms: None known.

**Section 5. Fire Fighting Measures**

<b>Hazard Type</b>	Non Flammable
<b>Hazards from products</b>	No further relevant information available.
<b>Suitable Extinguishing media</b>	Use fire extinguishing methods suitable to surrounding conditions. Water.
<b>Precautions for firefighters and special protective clothing</b>	No special measures required.
<b>HAZCHEM CODE</b>	<b>None Allocated</b>

**Section 6. Accidental Release Measures**

**For HOUSEHOLD Settings:**

Absorb or wipe up with absorbent (clean rag or paper towels). Dispose with general waste. Recycle container where possible.

**Personal precautions INDUSTRIAL Settings:**

Not required.

**Environmental precautions INDUSTRIAL Settings:**

Dilute with plenty of water.

Do not discharge into drains and waterways.

**Spill and Disposal procedures INDUSTRIAL Settings:**

Absorb with liquid-binding material (sand, diatomite, acid binders, universal binders, sawdust). Dispose of waste safely, refer to Section 13.

**Section 7. Handling and Storage**

**Precautions for Handling and Storage in HOUSEHOLD Setting:**

- Use as directed on product label.
- Keep out of reach of children.

**Precautions for Handling and Storage for INDUSTRIAL Setting:**

- Store in cool, dry place in tightly closed receptacles.
- Protect from frost.

**Section 8 Exposure Controls / Personal Protection**

**WORKPLACE EXPOSURE STANDARDS (provided for guidance only)**

Substance	TWA		STEL	
	ppm	mg/m <sup>3</sup>	ppm	mg/m <sup>3</sup>
Dipropylene glycol methyl ether [34590-94-8]	100	606	150	909

Workplace Exposure Standard – Time Weighted Average (WES-TWA). The time-weighted average exposure standard designed to protect the worker from the effects of long-term exposure. Workplace Exposure Standard – Short-Term Exposure Limit (WESSTEL). The 15-minute average exposure standard. Applies to any 15- Minute period in the working day and is designed to protect the worker against adverse effects of irritation, chronic or irreversible tissue change, or narcosis that may increase the likelihood of accidents. The WES-STEL is not an alternative to the WES-TWA; both the short-term and time-weighted average exposures apply. AUST: Workplace Exposure Standards For Airborne

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SDS Prepared by: Technical Compliance Consultants (NZ) Ltd  
Tel: 64 9 475 5240 www.techcomp.co.nz

## Engineering Controls

Natural ventilation should be adequate under normal use conditions.

## Personal Protection Equipment for **HOUSEHOLD** and **INDUSTRIAL** Setting:

<b>Eyes</b>	No special equipment required.
<b>Hands</b>	No special equipment required.
<b>Skin</b>	No special equipment required.
<b>Respiratory</b>	No special equipment required.

## Section 9 Physical and Chemical Properties

<b>Appearance</b>	Fluid
<b>Colour</b>	According to product specification
<b>Odour</b>	Characteristic
<b>Odour Threshold</b>	Not available
<b>pH @20°C</b>	6.4
<b>Boiling Point</b>	100°C
<b>Melting Point</b>	Undertermined
<b>Freezing Point</b>	Not available
<b>Flash Point</b>	Not available
<b>Flammability</b>	Not available
<b>Upper and Lower Explosive Limits</b>	Not available
<b>Vapour Pressure @20°C</b>	23 hPa
<b>Density @ 20°C</b>	0.99 g/cm <sup>3</sup> (DIN 51757)
<b>Water Solubility</b>	Fully miscible
<b>Partition Coefficient:</b>	Not available
<b>Auto-ignition Temperature</b>	270°C
<b>Decomposition Temperature</b>	Not available
<b>Viscosity</b>	Not available
<b>Particle Characteristics</b>	Not available
<b>Molecular weight</b>	Not available
<b>Solvent Content:</b>	
<b>Organic solvents</b>	9.4 %
<b>Water</b>	89.1 %
<b>Solids Content:</b>	1.0 % (DIN 53216)

## Section 10. Stability and Reactivity

<b>Stability of Substance</b>	This material is stable when stored and used as directed.
<b>Possibility of hazardous reactions</b>	No dangerous reactions known.
<b>Conditions to Avoid</b>	No further relevant information available.
<b>Incompatible Materials</b>	No further relevant information available.
<b>Hazardous Decomposition Products</b>	No decomposition if used according to specifications.

## Section 11 Toxicological Information

### Acute Effects:

<b>Swallowed</b>	This material has been classified as non-hazardous.
<b>Dermal</b>	This material has been classified as non-hazardous.
<b>Inhalation</b>	This material has been classified as non-hazardous.

<b>Eye</b>	This material has been classified as non-hazardous.
<b>Skin</b>	This material has been classified as non-hazardous.
<b>Sensitisation</b>	This material has been classified as non-hazardous.

**Chronic Effects:**

<b>Carcinogenicity</b>	This material has been classified as non-hazardous.
<b>Reproductive Toxicity</b>	This material has been classified as non-hazardous.
<b>Germ Cell Mutagenicity</b>	This material has been classified as non-hazardous.
<b>Aspiration</b>	This material has been classified as non-hazardous.
<b>STOT/SE</b>	This material has been classified as non-hazardous.
<b>STOT/RE</b>	This material has been classified as non-hazardous.

**Section 12. Ecotoxicological Information**

This product is not hazardous to the environment.

<b>Product:</b>	
<b>Persistence and degradability</b>	No data available
<b>Bioaccumulation</b>	No data available
<b>Mobility in Soil</b>	No data available
<b>Other adverse effects</b>	No data available

**Section 13. Disposal Considerations**

**Disposal Method:**

Smaller quantities can be disposed of with household waste. Disposal must be made according to Local Regulations.

**Precautions or methods to avoid:** None known.

**Section 14 Transport Information**

**This product is NOT classified as Dangerous Goods according to the Australian Code for the Transport of Dangerous Goods by Road and Rail (ADG Code) (7th edition).**

**This product is NOT classified as a Dangerous Good for transport in NZ; NZS 5433:2020**

**Section 15 Regulatory Information**

**Australia:**

NOT Classified as Hazardous according to the Globally Harmonised System of Classification and labelling of Chemicals (GHS) including Work, Health and Safety regulations, Australia

Not classified as a Scheduled Poison according to the Standard for the Uniform Scheduling of Medicines and Poisons (SUSMP).

**New Zealand:**

Classified as NOT hazardous according to Regulation (EC) No. 1272/2008 [CLP] which meets New Zealand jurisdiction criteria as per EPA Hazardous Substances (Safety Data Sheets) Notice 2017.

**Section 16 Other Information**

**Glossary**

EC<sub>50</sub> Median effective concentration.  
EEL Environmental Exposure Limit.

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EPA	Environmental Protection Authority
HSNO	Hazardous Substances and New Organisms.
HSW	Health and Safety at Work.
LC <sub>50</sub>	Lethal concentration that will kill 50% of the test organisms inhaling or ingesting it.
LD <sub>50</sub>	Lethal dose to kill 50% of test animals/organisms.
LEL	Lower explosive level.
OSHA	American Occupational Safety and Health Administration.
TEL	Tolerable Exposure Limit.
TLV	Threshold Limit Value-an exposure limit set by responsible authority.
UEL	Upper Explosive Level
WES	Workplace Exposure Limit

#### References:

##### Australia:

1. Preparation of Safety Data Sheets for Hazardous Chemicals Code of Practice.
2. Standard for the Uniform Scheduling of Medicines and Poisons.
3. Australian Code for the Transport of Dangerous Goods by Road & Rail.
4. Model Work Health and Safety Regulations, Schedule 10: Prohibited carcinogens, restricted carcinogens and restricted hazardous chemicals.
5. Workplace exposure standards for airborne contaminants, Safe work Australia.
6. American Conference of Industrial Hygienists (ACGIH).
7. Globally Harmonised System of classification and labelling of chemicals.

##### New Zealand:

1. EPA Hazardous Substances (Safety Data Sheets) Notice 2017
2. Workplace Exposure Standards and Biological Exposure Indices APRIL 2022 edition.
3. Assigning a hazardous substance to a HSNO Approval (Aug 2013).
4. Transport of Dangerous goods on land NZS 5433:2020
5. HSW (Hazardous Substances) Regulations 2017

#### Disclaimer

This document has been prepared by TCC (NZ) Ltd and serves as the suppliers Safety Data Sheet ('SDS'). It is based on information concerning the product which has been provided to TCC (NZ) Ltd or obtained from third party sources and is believed to represent the current state of knowledge as to the appropriate safety and handling precautions for the product at the time of issue. Further clarification regarding any aspect of the product should be obtained directly from the manufacturer. While TCC (NZ) have taken all due care to include accurate and up-to-date information in this SDS, it does not provide any warranty as to accuracy or completeness. As far as lawfully possible, TCC (NZ) Ltd accept no liability for any loss, injury or damage (including consequential loss) which may be suffered or incurred by any person as a consequence of their reliance on the information contained in this SDS

The information herein is given in good faith, but no warranty, express or implied is made.

Please contact the Australian Manufacturer or New Zealand distributor, if further information is required.

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