

SAFETY DATA SHEET

Section 1. Identification of the material and the supplier

Product Name: **Stone Seal & Protect for Natural Stone**
 Product Use: Washing and cleaning products (including solvent based products)
 Restriction of Use in NZ: Refer to Section 15

Manufacturer: **Guardsman 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: **Guardsman Australia Pty Ltd**
 Telephone: 0800 442 343
Emergency No: 0800 764 766 (National Poison Centre)

Date of SDS Preparation: 16 August 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:
 This substance is NOT hazardous according to the EPA Hazardous Substances (Classification) Notice 2020

Section 3. Composition / Information on Hazardous Ingredients

Ingredients	Wt%	CAS NUMBER.
Isopropyl Alcohol	1 - 3	67-63-0
2-Butoxyethanol	1 - 3	111-76-2
Non Hazardous ingredients	To bal	

Section 4. First Aid Measures

Routes of Exposure:

If in Eyes Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. If eye irritation persists: Get medical advice/attention.

If on Skin Rinse skin with water/shower. If skin irritation occurs: Get medical advice/attention.

If Swallowed Do NOT induce vomiting. IF SWALLOWED: Call a POISON CENTER or doctor/physician if you feel unwell.

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

Hazard Type	Not Flammable
Hazards from products	Burning produces heavy smoke. Fire may produce irritating and/or toxic gases. In the event of fire and/or explosion do not breathe fumes.
Suitable Extinguishing media	Dry chemical, CO ₂ , water spray or alcohol-resistant foam. Not to be used for safety reasons: Strong water jet
Precautions for firefighters and special protective clothing	Wear self-contained breathing apparatus and protective suit. Cool containers with flooding quantities of water until well after fire is out. Do not allow run-off from fire-fighting to enter drains or water courses.
HAZCHEM CODE	None Allocated

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 for **INDUSTRIAL** Settings:

Use protective clothing as detailed in Section 8. Avoid inhalation of vapours.

Environmental precautions for **INDUSTRIAL** Settings:

Do not discharge into drains and waterways.

Spill and Disposal procedures for **INDUSTRIAL** Settings:

Soak up with inert absorbent material (e.g. sand, silica gel, acid binder, universal binder, sawdust). Pick up and transfer to properly labeled containers. Dispose as per Local Regulations.

Section 7. Handling and Storage

Precautions for **INDUSTRIAL** Handling:

- Use personal protection recommended in Section 8.
- Never use pressure to empty container.
- Do not breathe fumes/mist/vapors/spray.

Precautions for **INDUSTRIAL** Storage:

- Store away from strong bases and strong acids.
- Keep/store only in original container.
- Containers that have been opened must be carefully resealed and kept upright to prevent leakage.

Section 8 Exposure Controls / Personal Protection

WORKPLACE EXPOSURE STANDARDS (provided for guidance only)

Substance	TWA		STEL	
	ppm	mg/m ³	ppm	mg/m ³
Isopropyl alcohol [67-63-0]	400	983	500	1230
2-Butoxyethanol (Butyl glycol ether) [111-76-2]	25	121	-	-

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 Contaminants Oct 2022. New Zealand: Workplace Exposure Standards and Biological Exposure Indices APRIL 2022 13TH EDITION.

Engineering Controls

Ensure adequate ventilation, especially in confined areas. Open windows if necessary.

Personal Protection Equipment

Eyes	No special equipment required for normal use.
Hands	No special equipment required for normal use.
Skin	No special equipment required for normal use.
Respiratory	No special equipment required for normal use.

Section 9 Physical and Chemical Properties

Appearance	Liquid
Colour	Clear
Odour	Alcohol
Odour Threshold	Not available
pH	Not available
Boiling Point	121 ^o C
Melting Point	Not available
Freezing Point	Not available
Flash Point	Not available
Flammability	Not flammable
Upper and Lower Explosive Limits	Not available
Vapour Pressure	Not available
Vapour Density	Not available
Density	974 g/L
Specific Gravity	1.0
Water Solubility	Not available
Partition Coefficient:	Not available
Auto-ignition Temperature	Not available
Decomposition Temperature	Not available
Viscosity	Not available

Section 10. Stability and Reactivity

Stability of Substance	Stable under normal conditions.
Possibility of hazardous reactions	No data available.
Conditions to Avoid	Heat, flames and sparks.
Incompatible Materials	Strong bases. Strong acids.
Hazardous Decomposition Products	Carbon monoxide. Carbon dioxide (CO ₂). Nitrogen oxides (NO _x).

Section 11 Toxicological Information

Acute Effects:

Swallowed	This product is not classified as acutely toxic. ATEmix (oral) = LD 50 =24582 mg/kg
Dermal	This product is not classified as acutely toxic.

	ATEmix (oral) = LD 50 =47520 mg/kg
Inhalation	This product is not classified as acutely toxic. ATEmix (inhalation-dust/mist) LC50 = 83.3 mg/l ATEmix (inhalation-vapor) LC50 = 611 mg/l
Eye	This product is not classified an eye irritant/corrosive.
Skin	This product is not classified as a skin irritant/corrosive.
Sensitisation	This product is not classified as acutely toxic.

Chronic Effects:

Carcinogenicity	This product is not classified as carcinogenic.
Reproductive Toxicity	This product is not classified as toxic for reproduction.
Germ Cell Mutagenicity	This product is not classified as mutagenic.
Aspiration	This product is not classified as Asp Tox.
STOT/SE	This product is not classified as STOT SE.
STOT/RE	This product is not classified as STOT RE.

Individual component information:

Acute Toxicity:

Chemical Name	Oral - LD50	Dermal - LD50	Inhalation - LC50
Isopropyl alcohol 67-63-0	= 1870 mg/kg (Rat)	= 4059 mg/kg (Rabbit)	= 72600 mg/m ³ (Rat) 4 h
2-Butoxyethanol 111-76-2	= 470 mg/kg (Rat)	= 99 mg/kg (Rabbit)	= 450 ppm (Rat) 4 h

Section 12. Ecotoxicological Information

This product is not hazardous to the environment.

Product:	
Persistence and degradability	No data available
Bioaccumulation	No data available
Mobility in Soil	No data available
Other adverse effects	No data available

Section 13. Disposal Considerations

Disposal Method:

Triple rinse container and recycle container 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:

Product Name: **Stone Seal & Protect**
Date of SDS: 16 August 2023

SDS Prepared by: Technical Compliance Consultants (NZ) Ltd
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Section 16 Other Information

Glossary

EC ₅₀	Median effective concentration.
EEL	Environmental Exposure Limit.
EPA	Environmental Protection Authority
HSNO	Hazardous Substances and New Organisms.
HSW	Health and Safety at Work.
LC ₅₀	Lethal concentration that will kill 50% of the test organisms inhaling or ingesting it.
LD ₅₀	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

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

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