SAFETY DATA SHEET

Section 1. Identification of the material and the supplier

Product Name:	**Guardsman Clean & Renew (250ml)**
Product Use:	Mixtures for the industrial and/or professional care and maintenance of leather items.
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:	24 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.
(2 methoxymethylethoxy) propanol	>1 - <2.5	34590-94-8
Reaction mass of isothiazolinones	14 ppm	55965-84-9
Non-ionic surfactants Perservatives: Methylchloroisothiazolinone Methylisothiazolinone bronopol perfumes	<5	
Non Hazardous ingredients	To bal	

Section 4. First Aid Measures

Routes of Exposure:

If in Eyes — Rinse cautiously with water for several minutes. 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. 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	Do not inhale combustion gases. Burning produces heavy smoke.
Suitable Extinguishing media	CO2, foam, dry extinguishers, nebulised water. 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. Do not allow run-off from fire-fighting to enter drains or water courses.
HAZCHEM CODE	**None Allocated**

Section 6. Accidental Release Measures

For <u>HOUSEHOLD</u> Settings:
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.
- Avoid contact with skin and eyes, inhalation of vapours and mists.
- Don't use empty container before they have been cleaned.
- Do not eat or drink while working. Do not smoke.
- Wash hands after use.

Precautions for INDUSTRIAL Storage:
- Store in a well-ventilated place at a temperature between +5/40°C.
- Keep away from food, drink and feed.
- Adequately ventilated premises.

Section 8 Exposure Controls / Personal Protection

WORKPLACE EXPOSURE STANDARDS (provided for guidance only)

	TWA	**STEL**

Substance	ppm	mg/m³	ppm	mg/m³
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 Contaminants Oct 2022. New Zealand: Workplace Exposure Standards and Biological Exposure Indices APRIL 2022 13TH EDITION.

DNEL Exposure Limit Values
(2-methoxymethylethoxy)propanol 1 CAS: 345901-94-8
Consumer: 36 mg/kg 1 Exposure: Human Oral 1
Frequency: Long Term, systemic effects
Worker Industry: 308 mg/m3 1 Consumer: 37.2 mg/m3 1 Exposure: Human Inhalation 1
Frequency: Long Term, systemic effects
Worker Industry: 283 mg/kg 1 Consumer: 121 mg/kg 1 Exposure: Human Dermal 1
Frequency: Long Term, systemic effects
reaction mass of isothiazolinones - CAS: 55965-84-9
Worker Industry: 0.02 mg/m³ - Consumer: 0.02 mg/m³ - Exposure: Human Inhalation – Frequency: Long Term, local effects
Worker Industry: 0.04 mg/m³ - Consumer: 0.04 mg/m³ - Exposure: Human Inhalation – Frequency: Short Term (acute)
Consumer: 0.09 mg/kg - Exposure: Human Oral - Frequency: Long Term, systemic effects
Consumer: 0.11 mg/kg - Exposure: Human Oral - Frequency: Short Term (acute)

PNEC Exposure Limit Values
(2-methoxymethylethoxy)propanol 1 CAS: 345901-94-8
Target: Fresh Water 1 Value: 19 mg/l
Target: Marine water 1 Value: 1.9 mg/l
Target: Freshwater sediments 1 Value: 70.2 mg/kg
Target: Marine water sediments 1 Value: 7.02 mg/kg
Target: Microorganisms in sewage treatments 1 Value: 4168 mg/l Target: Soil (agricultural) 1 Value: 2.74 mg/kg
reaction mass of isothiazolinones 1 CAS: 559651-84-9
reaction mass of isothiazolinones - CAS: 55965-84-9
Target: Fresh Water - Value: 3.39 µg/l
Target: Marine water - Value: 3.39 µg/l
Target: Microorganisms in sewage treatments - Value: 0.23 µg/l
Target: Freshwater sediments - Value: 0.027 mg/kg
Target: Marine water sediments - Value: 0.027 mg/kg
Target: Soil (agricultural) - Value: 0.01 mg/kg

Engineering Controls
Good ventilation is generally sufficient for most operations.

Personal Protection Equipment

Eyes	No special equipment required for normal use.
Skin	No special equipment needed when handling small quantities. For industrial settings wear protective gloves (EN 374).
Respiratory	No special equipment required for normal use.

Section 9 Physical and Chemical Properties

Appearance	Liquid
Colour	Light Blue
Odour	Light
Odour Threshold	Not available
pH	7 +/- 1 (1:10)

Boiling Point	100^0C
Melting Point	0^0C
Freezing Point	Not available
Flash Point	>100^0C
Flammability	Not flammable
Upper and Lower Explosive Limits	Not available
Vapour Pressure	Not available
Vapour Density	Not available
Relative Density	1.00 +/- 0.05 g/cm^3
Solubility	Water: Miscible Not miscible in organic solvents
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	None known.
Incompatible Materials	None known.
Hazardous Decomposition Products	May produce toxic and noxious fumes in case of fire.

Section 11 Toxicological Information

Acute Effects:

Swallowed	This product is not classified as acutely toxic.
Dermal	This product is not classified as acutely toxic.
Inhalation	This product is not classified as acutely toxic.
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.

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:
Dispose 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:
This substance is NOT classified hazardous according to the EPA Hazardous Substances (Classification) Notice 2020

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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