

SAFETY DATA SHEET

Section 1. Identification of the material and the supplier

Product Name: **Guardsman Fabric Cleaner Level 2**
 Product Use: Fabric cleaner
 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
 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:

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 hazardous according to the EPA Hazardous Substances (Classification) Notice 2020

EPA Approval No: Cleaning Products (subsidiary) – HSR002530

Pictograms



Signal Word: **Warning**

GHS Classification and Category	Hazard Code	Hazard Statement
Eye irritation Cat. 2	H319	Causes serious eye irritation.

Prevention Code	Prevention Statement
P103	Read carefully and follow all instructions.
P264	Wash hands thoroughly after handling.
P280	Wear protective clothing as detailed in Section 8.

Response Code	Response Statement
P305 + P351+P338	IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.

P337 + P313	If eye irritation persists: Get medical advice/attention.
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Storage Code	Storage Statement
None allocated	

Disposal Code	Disposal Statement
P501	Dispose of according to Local Regulations or Authorities

Section 3. Composition / Information on Hazardous Ingredients

Ingredients	Wt%	CAS NUMBER.
Diethylene glycol monobutyl ether	>99	112-34-5
Ingredients determined to be Non-Hazardous	To balance	

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.
If on Skin	If skin or hair contact occurs, remove contaminated clothing and flush skin and hair with running water. If swelling, redness, blistering or irritation occurs seek medical assistance. If skin irritation occurs seek medical assistance.
If Swallowed	Rinse mouth with water. If swallowed, do NOT induce vomiting. Give a glass of water to drink. 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. Remove contaminated clothing and loosen remaining clothing. Keep at rest until fully recovered. Apply artificial respiration if not breathing. Get medical advice if breathing becomes difficult.

Most important symptoms and effects, both acute and delayed.

Symptoms: Causes serious eye irritation.

Notes to Physician: Treat symptomatically.

Section 5. Fire Fighting Measures

Hazard Type	Non-Flammable
Hazards from combustion products	On burning or decomposing may emit toxic fumes. Decomposition products depend upon temperature, air supply and the presence of other materials. Decomposition products can include and are not limited to Aldehydes, Ketones, Organic acids.
Suitable Extinguishing media	If material is involved in a fire use water fog (or if unavailable fine water spray), alcohol resistant foam, standard foam, dry agent (carbon dioxide, dry chemical powder).
Precautions for firefighters and special protective clothing	Fire fighters to wear self-contained breathing apparatus and suitable protective clothing if risk of exposure to vapour or products of combustion or decomposition.
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 to prevent skin and eye contamination. Avoid inhalation of vapours. Remove contaminated clothes immediately. Rewash contaminated clothing before reuse. Clear area of all unprotected personnel. Slippery when spilt. Avoid accidents, clean up immediately.

Environmental precautions for **INDUSTRIAL** Settings:

Do not discharge into drains and waterways.

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

For small spills wipe up with absorbent (clean rag or paper towels). Collect and seal in properly labelled containers or drums for disposal.

For large spills, if safe to do so, shut off all possible sources of ignition. Work up wind or increase ventilation. Contain - prevent run off into drains and waterways. Use absorbent (soil, sand or other inert material). Use a spark-free shovel. Collect and seal in properly labelled containers or drums for disposal. If contamination of crops, sewers or waterways has occurred advise local emergency services. 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.
- Avoid breathing mist, vapours or spray.
- Avoid eye and skin contact.
- Keep containers closed when not in use.

Precautions for Handling in **INDUSTRIAL** Setting:

- Read carefully and follow all instructions.
- Wash hands thoroughly after handling.
- Wear protective clothing as detailed in Section 8.
- Avoid eye contact and repeated or prolonged skin contact.
- Avoid inhalation of vapour, mist or spray.

Precautions for Storage in **INDUSTRIAL** Setting:

- Store away from incompatible materials listed in Section 10.
- Store in a cool, dry, well-ventilated place and out of direct sunlight.
- Store away from foodstuffs.
- Store away from sources of heat and/or ignition.
- Keep container standing upright.
- Keep containers closed when not in use - check regularly for leaks.

Section 8 Exposure Controls / Personal Protection

WORKPLACE EXPOSURE STANDARDS (provided for guidance only)

Substance	TWA ppm mg/m ³	STEL ppm mg/m ³
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No ingredients have exposure limits

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

Engineering Controls

Natural ventilation should be adequate under normal use conditions.

Personal Protection Equipment for HOUSEHOLD Setting:

Eyes	None required under normal conditions.
Hands	Always good practice to wear gloves.
Respiratory	None required under normal conditions.

Personal Protection Equipment INDUSTRIAL Setting:



Eyes	Wear safety glasses.
Hands	Wear protective gloves. Available information suggests that gloves made from nitrile rubber should be suitable for intermittent contact. However, due to variations in glove construction and local conditions, the user should make a final assessment.
Skin	Wear overalls and safety shoes. Wash contaminated clothing and other protective equipment before storing or re-using.
Respiratory	Use with adequate ventilation. If inhalation risk exists wear organic vapour/particulate respirator meeting the requirements of AS/NZS 1715 and AS/NZS 1716.
Hygiene measures	Keep away from food, drink and animal feeding stuff. When using do not eat, drink or smoke. Wash hands prior to eating, drinking or smoking. Avoid contact with clothing. Avoid eye contact and skin contact. Avoid inhalation of vapour, mist or aerosols. Ensure that eyewash stations and safety showers are close to the workstation location.

Section 9 Physical and Chemical Properties

Appearance	Liquid
Colour	Clear
Odour	Mild
Odour Threshold	Not available
pH	Not available
Boiling Point	230°C
Melting Point	Not available
Freezing Point	Not available
Flash Point	99°C (ASTM-D93)
Flammability	Not available
Upper and Lower Explosive Limits	Not available
Vapour Pressure @20°C	0.004 kPa
Relative Vapour Density	5.6 (air=1)
Specific Gravity @20°C	0.951 g/cm ³
Water Solubility	Completely soluble
Partition Coefficient:	Not available
Auto-ignition Temperature	228°C
Decomposition Temperature	Not available
Viscosity	5.20 cSt @25°C

Particle Characteristics	Not available
Molecular weight	162.2 g/mol

Section 10. Stability and Reactivity

Stability of Substance	This material is thermally stable when stored and used as directed.
Possibility of hazardous reactions	No known hazardous reactions.
Conditions to Avoid	Elevated temperatures and sources of ignition.
Incompatible Materials	Avoid contact with Strong acids, Strong bases and Strong oxidizers.
Hazardous Decomposition Products	Decomposition products depend upon temperature, air supply and the presence of other materials. Decomposition products can include and are not limited to Aldehydes, Ketones, Organic acids.

Section 11 Toxicological Information

Acute Effects:

Swallowed	This material has been classified as non-hazardous however swallowing can result in nausea, vomiting and irritation of the gastrointestinal tract. Acute toxicity estimate (based on ingredients): >2,000 mg/Kg bw. LD50 (Rat): 5660mg/kg
Dermal	This material has been classified as non-hazardous. Acute toxicity estimate (based on ingredients): >2,000 mg/Kg bw. LD50 (Rabbit): 4000 mg/kg
Inhalation	Material may be an irritant to mucous membranes and respiratory tract. Acute toxicity estimate (based on ingredients): LC50 > 20.0 mg/L for vapours or LC50 > 5.0 mg/L for dust and mist or LC50 > 20,000 ppm for gas
Eye	Causes serious eye irritation.
Skin	This material has been classified as irritating to skin.
Sensitisation	This material has been classified as not a skin sensitiser

Chronic Effects:

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

Section 12. Ecotoxicological Information

This product is not hazardous to the environment.

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:

If possible, material and its container should be recycled. If material or container cannot be

recycled, dispose in accordance with local, regional, national and international 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:

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 classified hazardous according to the EPA Hazardous Substances (Classification) Notice 2020

EPA Approval Code: Cleaning Products (subsidiary) – HSR002530

HSW (HS) Regulations 2017 and EPA Notices	Trigger Quantity
Certified Handler	Not required
Location Certificate	Not required
Tracking Trigger Quantities	Not required
Signage Trigger Quantities	Not required
Emergency Response Plan	Not required
Secondary Containment	Not required
Restriction of Use	Only use for the intended purpose.

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

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

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