



1. IDENTIFICATION OF THE MATERIAL AND SUPPLIER

Product Name: GUARD HARDENER WO

Product Code: 7204

Use: Hardener; Mineral Substrates

Supplier: Guard Industry Australia Pty Ltd

ACN: 655 873 297

Business Name: Guard IND Australia

ABN: 51 655 873 297

Street Address: 9a Byron Rd, Armadale, WA 6112

Telephone Number: 1300 249 767

Email: info@guardindustry.com.au

Website: www.guardindustry.com.au

Emergency Telephone: 1300 249 767 (Business Hours)

0414 726 474 (After Hours)

2. HAZARDS IDENTIFICATION

Classified as hazardous according to criteria of the Globally Harmonised System of Classification and Labelling of Chemicals 7th Revised Edition.

Hazard Classification: HAZARDOUS SUBSTANCE, NON DANGEROUS GOODS.

Classification of the substance or mixture:

Aspiration hazard: Category 1

SIGNAL WORD: DANGER



Hazard Statement(s):

H304 – May be fatal if swallowed and enters airways

Precautionary Statement(s):

Prevention:

P102 Keep out of reach of children.

P103 Read label before use.

P104 Read Safety Data Sheet before use.

P233 – Keep container tightly closed.

SAFETY DATA SHEET - GUARD HARDENER WO

**Response:**

P301 + P310 – IF SWALLOWED: immediately call a POISON CENTER (131126) or doctor/physician

P331 – Do NOT induce vomiting

Storage:

P405 – Store in a well-ventilated place. Keep cool.

Disposal:

P501: Dispose of contents/container in accordance with local waste management authority.

Poisons Schedule (Australia): n/a

3. COMPOSITION/INFORMATION ON INGREDIENTS

Chemical Entity	C.A.S. No.	Proportion	Risk phrases
Alkanes, C11 – 15 – iso -	90622-58-5	25 – 50 %	
Tetraethyl Orthosilicate	78-10-4	Less than 10%	
Distillates (Petroleum) Hydrated Light	64742-47-8	Less than 3%	H304
Dipropylene Glycol Monomethyl Ether	34590-94-8	Less than 3%	

4. FIRST AID MEASURES

Inhalation: Remove victim from exposure, avoid becoming a casualty. Remove contaminated clothing and loosen remaining clothing. Allow patient to assume most comfortable position and keep warm. Keep at rest until recovered. Seek medical attention.

Skin Contact: If skin contact occurs, remove contaminated clothing and wash skin thoroughly with water. See a doctor if skin irritation, swelling, and redness or blistering occurs, seek medical attention. Wash clothing before reuse.

Eye Contact: Immediately hold eyelids open and flood the eye continuously with clean cold water for at least 15 minutes. Continue flushing for at least 15 minutes until advised to stop by a Poisons Information Centre or a doctor. Get urgent medical attention.

Ingestion: Immediately rinse mouth thoroughly with water. Do NOT induce vomiting. Give a glass of water. Repeat if vomiting occurs. If patient is not conscious do NOT give anything by mouth. Get urgent medical attention

Medical advice: For advice, contact Poisons Information Centre, phone 131126, or call a doctor.

SAFETY DATA SHEET - GUARD HARDENER WO



Notes to Doctor: Treat symptomatically.

5. FIRE FIGHTING MEASURES

Specific Hazards: Fire will produce a thick black smoke. Exposure to decomposition products may be hazardous to health. Do not breath in smoke.

Fire fighting advice: Wear SCBA and chemical splash outfit. Fully encapsulating gas-tight suits must be worn for maximum protection.

Fire Extinguishing Media: Use sprayed water or water mist, foam, multipurpose ABC powder, BC powder or carbon dioxide. Do not use water jets.

Hazchem Code: N/A

Flammability: Combustible

6. ACCIDENTAL RELEASE MEASURES

Evacuate all unnecessary personnel. Wear protective clothing to minimise skin and eye exposure. If possible contain the spill. Place inert absorbent material onto spillage. Mop up material and place into the same container. If spillage enters the waterways contact the Environmental Protection Authority, or your Waste Management Authority.

7. HANDLING AND STORAGE

Handling advice: Wash hands after handling. No smoking, eating or drinking in areas where the mixture is used. Remove and wash contaminated clothing before re-using.

Storage advice: Keep the container tightly closed in a dry well-ventilated place.

8. EXPOSURE CONTROLS/ PERSONAL PROTECTION

Occupational Exposure Limits:

Safe Work Australia Exposure Standard for Tetraethyl Orthosilicate

(CAS No. 78-10-4):

TWA = 10ppm; 85mg/m³

Safe Work Australia Exposure Standard for Distillates (Petroleum) hydrated light

(CAS No. 64742-47-8):

TWA = 165ppm/8hr

Safe Work Australia Exposure Standard for Dipropylene Glycol Monoethyl Ether

(CAS No. 34590-94-8):

TWA = 50ppm; 85 mg/m³



Engineering Controls: The use of local exhaust ventilation is recommended to control process emissions near the source.

Personal Protection Equipment: Wear gloves and an eye shield. Wear chemical resistant clothing including a chemical resistant apron where clothing is likely to be contaminated. Avoid breathing vapour.

9. PHYSICAL AND CHEMICAL PROPERTIES

Appearance: Fluid Liquid

Boiling Point: Not Known

Melting Point: Not known.

Flash Point: 60 < FP => 93C

Vapour Pressure: Not Known

Vapour Density (Air = 1): N/A

Flammability Limits: Non Flammable.

Specific Gravity: > 1

pH (neat): Not Known

Solubility in water: Insoluble

10. STABILITY AND REACTIVITY

Stability: Stable when stored in sealed containers at room temperature and containers have vented lids.

11. TOXICOLOGICAL INFORMATION

Acute Toxicity; Not known

Acute Health Effects:

Ingested: No adverse effects

Eye: Splashes may cause irritation and reversible damage

Skin: Mild skin irritation.

Inhaled: May cause dizziness and drowsiness.

Chronic: Prolonged contact with dilute solutions may degrease the skin.

12. ECOLOGICAL INFORMATION

Avoid contaminating waterways.



13. DISPOSAL CONSIDERATIONS

Do not allow into drains or watercourses or dispose of where ground or surface waters may be affected. Wastes including emptied containers are controlled wastes and shall be disposed of in accordance with all federal, E.P.A, state and local regulations. Assure conformity with all applicable regulations.

14. TRANSPORT INFORMATION

UN Number: N/A

Proper Shipping Name: GUARD HARDENER WO 7204

Dangerous Goods Class: N/A

Subsidiary risk: N/A

Packing Group: N/A

Hazchem Code: N/A

Road and Rail Transport: Not classified as Dangerous Goods by the Australian Code for the Transport of Dangerous Goods by Road and Rail.

15. REGULATORY INFORMATION

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Poisons Schedule: N/A

16. OTHER INFORMATION

This S.D.S. is valid for 5 years from the date of issue but may be withdrawn and revised anytime prior to that date. Please ensure that you are using the latest issue.

All information contained in this Safety Data Sheet is as accurate and up-to-date as possible. Since GUARD INDUSTRY cannot anticipate or control the conditions under which this information can be used, each user must review this information in the specific context of the intended application.

GUARD INDUSTRY will not be responsible for any damage or loss of any nature resulting from the use of or reliance upon this information. No expressed or implied warranties are given other than those mandated by Commonwealth, State or Territory legislation.

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