



PROTECTOR GREASE

SAFETY DATA SHEET

Date	FEB 16
Issue	005

SDS 09

1. IDENTIFICATION OF THE SUBSTANCE/MIXTURE AND SUPPLIER

Product Name: PRESCEM PROTECTOR GREASE

Recommended use: A wood preservative and lubricant for attachments and fittings for timber structures

Supplier: PRESCEM Pty Ltd
ABN 41 314 509 336
147 – 149 Herald Street
Cheltenham Victoria 3192
Australia

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2. HAZARDS IDENTIFICATION

This material is hazardous according to health criteria of NOHSC Australia

Hazard Pictograms



DG Class: None allocated
Subsidiary Risk: None allocated
Packing Group: None allocated

Hazard Statement(s):

H315: Causes Skin Irritation.

Precautionary Statement(s):

P102: Keep out of reach of children
P280: Wear protective gloves and cloathing



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3. COMPOSITION/INFORMATION ON INGREDIENTS

Chemical identity	CAS Number	Proportion
Disodium octaborate tetrahydrate	12008-41-2	2-8 %
Non-hazardous ingredients	Proprietary	To 100%

All components in this product are listed on the Australian Inventory of Chemical Substances (AICS).

4. FIRST AID MEASURES

If poisoning occurs, contact a doctor or Poisons Information Centre on 13 11 26.

Swallowed: If conscious, dilute stomach contents by giving large amounts of water. Seek medical attention or transport person to hospital. Do not attempt to induce vomiting or give anything by mouth to an unconscious person. If vomiting occurs spontaneously, keep head below hips to prevent aspiration.

Eye: Flush eyes with plenty of water for a minimum of 15 minutes. Keep rotating the eyes to ensure complete flushing. Seek medical attention promptly if irritation persists or any loss of vision occurs.

Skin: Immediately remove contaminated clothing. Wash skin thoroughly with soap and water. Launder contaminated clothing before re-use. Seek medical advice if skin irritation occurs or persists.

Inhaled: Remove promptly to fresh air. If respiratory irritation, dizziness, nausea or unconsciousness occurs, seek immediate medical attention. Apply artificial respiration if breathing stops.

Notes to doctor: Symptomatic treatment. May cause central nervous system depression. Dermatitis may result from prolonged or repeated exposure. Potential for chemical pneumonitis. Consider gastric lavage with protected airway, administration of activated charcoal.

5. FIRE FIGHTING MEASURES

Specific hazards: Combustible material but difficult to burn

Extinguishing media: Foam, water spray or fog. Dry chemical powder, carbon dioxide (CO₂), sand or earth may be used for small fires only.

Fire fighting procedures: Use water to cool fire-exposed containers and any adjacent containers. Firefighters must wear self-contained breathing apparatus with full protective clothing. During a fire, irritating or highly toxic gases may be generated by thermal decomposition or combustion.

Hazardous Decomposition Products: Predominantly carbon monoxide, carbon dioxide and organic compounds.

Hazchem Code: None allocated

6. ACCIDENTAL RELEASE MEASURES

SMALL SPILLS

Wear protective equipment to prevent skin and eye contamination. Collect and recycle if possible, otherwise seal in properly labelled containers or drums for disposal. Prevent material entering drains or waterways.



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LARGE SPILLS

Wear protective equipment to prevent skin and eye contamination. Collect and seal in properly labelled containers or drums for disposal. If contamination of sewers or waterways has occurred advise local emergency services.

Dangerous Goods – Initial Emergency Response Guide No: Not applicable.

7. HANDLING AND STORAGE

Handling: Avoid contact with eyes, skin and clothing. Keep containers tightly closed. Avoid ingestion and inhalation. Use only in a well-ventilated area. Wash clothing before reuse.

Storage: Store in tightly closed containers in cool, dry, isolated and well ventilated areas away from heat. Keep containers closed at all times – check regularly for leaks. Remove all ignition sources. Extinguish any naked flames. Do not eat, drink or smoke in areas of use or storage.

Incompatibilities: Store away from incompatible materials described in Section 10.

8. EXPOSURE CONTROLS/PERSONAL PROTECTION

National occupational exposure standards

Substance	TWA	STEL	Carcinogen Category	Notices
Oil mist - general	5 mg/m ³	10 mg/m ³	None allocated	None allocated

As published by National Occupational Health and Safety Commission.

Exposure Standard (TWA) is the time-weighted average airborne concentration over an eight-hour working day, for a five-day working week over an entire working life. According to current knowledge this concentration should neither impair the health or, not cause undue discomfort to, nearly all workers.

These Exposure Standards are guides to be used in the control of occupational health hazards. All atmospheric contamination should be kept to as low a level as is workable. These Exposure Standards should not be used as fine dividing lines between safe and dangerous concentrations of chemicals. They are not a measure of relative toxicity.

Engineering controls: Facilities storing or using this material should be equipped with eyewash and deluge safety shower. Use adequate ventilation to keep airborne concentrations low. Keep containers closed when not in use.

Personal Protection

Skin: Avoid skin contact by the use of approved chemical resistant gloves and aprons – PVC or Neoprene (AS 2161).

Eye: Avoid eye contact by wearing safety glasses with side-shields or non-fogging goggles (AS/NZS 1336). Eyewash and deluge safety shower should be provided in all areas where product is handled.

Respiratory: None should be needed under normal circumstances. In situations of high vapour concentrations, wear an approved organic vapour respirator (AS/NZS 1715 and 1716)



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Protective clothing (gloves, coveralls, boots, etc.) should be worn to prevent skin contact. Direct skin contact should be avoided by wearing long sleeved shirts and long trousers. Always wash hands before smoking, eating, drinking or using the toilet. Wash contaminated clothing and other protective equipment before storing or re-using.

9. PHYSICAL AND CHEMICAL PROPERTIES

Appearance:	Dark gel like material. Mineral oil odour
Boiling Point:	N Av
Melting Point:	N Av
Vapour pressure:	0.5 Pa
VOC:	>10g/L
Specific gravity:	0.84 (20°C)
Flash Point:	> 150°C (Abel Closed Cup)
pH:	not available
Flammability Limits:	1-10 % (Vol.) (based on mineral oil)
Autoignition temperature:	>320C
Solubility in water:	Insoluble
Vapour Density:	N Av
Viscosity:	N Av

(Typical values only - consult specification sheet)
N Av = Not available N App = Not applicable

10. STABILITY AND REACTIVITY

Chemical stability:	Stable under normal conditions of use.
Hazardous polymerization:	Will not occur.
Incompatible materials:	Strong oxidising agents.
Conditions to avoid:	Avoid ignition sources and contamination with moisture.
Hazardous decomposition products:	Oxides of carbon and nitrogen, smoke and other toxic fumes.

11. TOXICOLOGICAL INFORMATION

No adverse health effects expected if the product is handled in accordance with this Safety Data Sheet and the product label. Symptoms or effects that may arise if the product is mishandled and overexposure occurs are:

Acute Effects

Inhalation: If vapours are inhaled, slight irritation of the respiratory tract may occur.

Skin contact: Not expected to be a skin sensitizer.

Eye contact: Expected to be slightly irritating.

Ingestion: Swallowing can result in nausea, vomiting and irritation of the gastrointestinal tract.

Long Term Effects: No information available for product.

Acute toxicity / Chronic toxicity

No LD50 data available for the product. However, for the constituent:

Grease

Oral LD50 (rat): >2000 mg/kg



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Boron

Oral LD50 (rat): 2,000 mg/kg

12. ECOLOGICAL INFORMATION

Avoid contaminating waterways.

Ecotoxicity: No ecotoxicity data is available for this material. The following ecotoxicity data is applicable for the distillates (petroleum), hydrotreated light component present in this product: Toxicity to fish: LC50 > 1000 mg/L

Persistence and degradability: Most components in this product are expected to be biodegradable.

Mobility in soil: Most components in this product are expected to adsorb to soil and have low mobility.

13. DISPOSAL CONSIDERATIONS

Suitable for disposal to approved landfill facility in accordance with local waste authority requirements. Recover or reuse if possible. Product is insoluble in water and should not be flushed to effluent treatment plants for treatment. Empty containers should be drained completely. Residues may cause an explosion hazard if heated above the flash point. Do not puncture, cut or weld uncleaned containers. Send to approved drum or metal recycler.

14. TRANSPORT INFORMATION

Road and Rail Transport (Australian Dangerous Goods Code):

UN Number: None allocated
Proper Shipping Name: None allocated
Class: None allocated
Hazchem Code: None allocated
Packing Group: None allocated

Marine Transport (International Maritime Dangerous Goods Code):

UN Number: None allocated
Proper Shipping Name: None allocated
Class: None allocated
Packing Group: None allocated
Marine Pollutant: No

Air Transport (International Air Transport Association Dangerous Goods Regulations):

UN Number: None allocated
Proper Shipping Name: None allocated
Class: None allocated
Packing Group: None allocated

15. REGULATORY INFORMATION

Classification: Classified as a hazardous substance according to criteria of NOHSC.
Not a Dangerous Good according to criteria of the Australian Dangerous Goods Code.

Poisons Schedule: Not Scheduled



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16. OTHER INFORMATION

Australian Standards References:

- AS/NZS 1336 Recommended Practices for Occupational Eye Protection.
- AS/NZS 1715 Selection, Use and Maintenance of Respiratory Protective Devices.
- AS/NZS 1716 Respiratory Protective Devices.
- AS 1940 The Storage and Handling of Flammable and Combustible Liquids.
- AS 2161 Industrial Safety Gloves and Mittens (excluding electrical and medical gloves).

Preschem Pty Ltd SDS Contact Point:

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Issue Date: 26/02/2016/RB

Supersedes Issue Date: Mar 2012

This Safety Data Sheet has been prepared by Preschem Pty Ltd.

Reasons for Issue: Revision.

This Safety Data sheet is valid for 5 years from the date of issue and may be withdrawn and revised any time prior to that date. Please ensure that you are using the latest issue.

This SDS summarises at the date of issue our best knowledge of the health and safety hazard information of the product, and in particular how to safely handle and use the product in the workplace. Since Preschem Pty Ltd cannot anticipate or control the conditions under which the product may be used, each user must, prior to usage, review this SDS in the context of how the user intends to handle and use the product in the workplace.

If clarification or further information is needed to ensure that an appropriate assessment can be made, the user should contact this company.

Our responsibility for product as sold is subject to our standard terms and conditions, a copy of which is sent to our customers and is also available upon request.