

1. IDENTIFICATION OF THE SUBSTANCE/MIXTURE AND SUPPLIER

Product Name: EXTERIOR PINE CLEAR, TREATED PINE CLEAR

Recommended use: Oil-based exterior finish for use on treated or untreated softwood timbers like radiata pine to prevent blackening.

Supplier: PRESCHEM Pty Ltd
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2. HAZARDS IDENTIFICATION

This material is classified as hazardous according to health criteria of Safe Work Australia.

Hazard Pictograms



Signal Word: Warning

Hazard Statement(s):

H302: Harmful if swallowed.

Risk Phrase(s):

R65: Harmful: may cause lung damage if swallowed.

Precautionary Statement(s)

P202: Do not handle until all safety precautions have been read and understood.

P270: Do not eat, drink or smoke when using this product.

P280: Wear protective gloves/protective clothing.

P301/P310: IF SWALLOWED: Immediately call a POISON CENTRE or doctor/physician.

Not classified as Dangerous Goods by the criteria of the Australian Dangerous Goods Code (ADG Code) for transport by Road and Rail.

Poisons Schedule (Aust): Not Applicable



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3. COMPOSITION/INFORMATION ON INGREDIENTS

Chemical identity	CAS Number	Proportion
Distillates (petroleum), hydrotreated light	64742-47-8	30 – 50 %
Natural Drying Oils	8001-26-1	10 – 30 %
3 Iodo-2propynyl butyl carbamate	55406-53-6	1 – 4 %
Ingredients determined not to be hazardous	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 (Phone Australia 131 126, New Zealand 0800 764 766).

Ingestion: Immediately 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 immediate medical advice.

Eye contact: Immediately wash in and around the eye area with large amounts of water for at least 15 minutes. Eyelids to be held apart. If pain or redness persist, seek medical assistance.

Skin contact: If skin or hair contact occurs, remove contaminated clothing and flush skin or hair with running water. If irritation occurs seek medical assistance.

Inhaled: 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 fully recovered. Seek medical advice if effects persist.

Notes to physician: Treat symptomatically. Inhalation or aspiration can cause onset of pulmonary oedema.

5. FIRE FIGHTING MEASURES

Specific hazards: Combustible liquid (C1 combustible). This product will burn if exposed to fire. If the product is heated to temperatures above the flash point, an explosive air-vapour mixture may result.

Suitable extinguishing media: Foam, dry agent (carbon dioxide, dry chemical powder).

Fire fighting further advice: On burning may emit toxic fumes, including carbon monoxide and produces copper oxides. Fire Fighters to wear self contained breathing apparatus and suitable protective clothing if risk of exposure to vapour or products of combustion.

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

Hazchem Code: Not applicable.

6. ACCIDENTAL RELEASE MEASURES

Unprotected personnel should be kept away. Spill area is likely to become slippery underfoot – use care to avoid falling or slipping. Wear protective equipment (refer Section 8) to prevent skin and eye contamination and inhalation of vapours. Stop and contain large spills for salvage or absorb in inert absorbent material (e.g. sand, earth). Scoop spilled material into marked sealable containers for disposal or recovery by an approved



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method. Prevent run-off into drains and waterways. Wash the spill area with copious volumes of detergent to remove any trace amounts of product. The product will not mix with water. Ventilate area well and ensure adequate personal protection as above. Small spills can be absorbed with inert absorbent material and disposed in accordance with regulations. Do Not use sawdust as an absorbant material as Exterior Pine Clear may spontaneously combust, especially on hot days.

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. Store with all precautions required for handling combustible liquids (AS 1940).

Incompatibilities: The product is incompatible with oxidising agents. Sawdust or rags soaked in Exterior Pine Clear may spontaneously combust when disposed of in large piles. Allow soaked rags or sawdust to dry before disposal.

8. EXPOSURE CONTROLS/PERSONAL PROTECTION

National occupational exposure standards

Substance	TWA	STEL	Carcinogen Category	Notices
Aliphatic solvents*	1200 mg/m ³	--	None allocated	None allocated
3- Iodo-2 propanyl butyl cabarnate	None established by ASCC	--	None allocated	None allocated

*Recommended by the supplier

As published on the Hazardous Chemical Information System (HCIS).

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.



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

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

Form / Colour / Odour:	Clear light amber liquid with slight odour
Molecular Formula:	Mixture
Solubility:	insoluble in water
Specific gravity:	0.84 (20°C)
Relative Vapor Density:	Not Available
Flash Point:	>64°C (Abel Closed Cup)
Evaporation Rate:	Not Available
Flammability Limits (%):	
LEL (%):	0.6
UEL (%):	5.5
Autoignition temperature:	236°C (distillates (petroleum), hydrotreated light)
Boiling Point/Range:	>150°C
Melting Point/Range:	< 0°C
Vapour pressure:	not available
pH:	not available
Partial coefficient: n-octanol/water:	Not Available
Viscosity:	38 mm ² /s (cST) (20°C)
VOC:	524g/L

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 heat, sparks, open flames and other ignition sources.
Hazardous decomposition products:	Predominantly carbon monoxide, carbon dioxide and organic compounds.

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

Ingested: Unlikely under normal occupational exposures. Swallowing this product is likely to cause irritation to the gastrointestinal tract. Symptoms may include abdominal pain, nausea, vomiting, diarrhoea. Aspiration into the lungs when swallowed or vomited may cause chemical pneumonitis which can be fatal.

Eye: The liquid may cause temporary irritation. Stinging, watering and redness of the eyes may result.

Skin contact: May cause slight to moderate skin irritation. Prolonged or repeated skin contact may cause defatting of the skin which could lead to dermatitis.



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Inhalation: Prolonged inhalation of the vapour or mist may cause drowsiness, dizziness, nausea and headache. Central nervous system depression may occur with slowing of reflexes, fatigue and incoordination.

Long term effects: Repeated or prolonged skin contact may dryness and defatting, resulting in dermatitis.

Acute toxicity/Chronic Toxicity: No LD50 data is available for the product. However, for the solvent:

Oral LD50 – rat: > 2000 mg/kg

Dermal LD50 – rat: > 2000 mg/kg

Inhalation LC50 – rat: > 4 g/m³/4 h

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

13. DISPOSAL CONSIDERATIONS

Refer to State/Territory Land Waste Management Authority and the EPA.

14. TRANSPORT INFORMATION

ROAD AND RAIL TRANSPORT

Not classified as Dangerous Goods by the criteria of the Australian Dangerous Goods Code (ADG Code) for transport by Road and Rail.

MARINE TRANSPORT

Not classified as Dangerous Goods by the criteria of the International Maritime Dangerous Goods Code (IMDG Code) for transport by sea.

AIR TRANSPORT

Not classified as Dangerous Goods by the criteria of the International Air Transport Association (IATA) Dangerous Goods Regulations for transport by air.

15. REGULATORY INFORMATION

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



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Poisons Schedule: Not Scheduled

This material is listed on the Australian Inventory of chemical Substances (AICS)

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).

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

Reason(s) For Issue: Revision

Material Safety Data Sheets are updated frequently. Please ensure that you have a current copy.

This MSDS 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 MSDS 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.

This Material 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.