



PRESCHEM CHARCOAL BLACK STAIN

Safety Data Sheet

Date	Jun 21
Issue	001

SDS 13

1. IDENTIFICATION OF THE SUBSTANCE/MIXTURE AND SUPPLIER

Product Name: PRESCHEM CHARCOAL BLACK STAIN

Recommended use: Water-based "erosion" timber stain to simulate UV weathering for exterior rough sawn hardwood cladding, or landscaping timbers.

Supplier: PRESCHEM Pty Ltd
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147 – 149 Herald Street
Cheltenham, Victoria 3192
Australia

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2. HAZARDS IDENTIFICATION

This material is not hazardous according to health criteria of Safe Work Australia.

Hazard Pictograms



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

Hazard Statement(s):

H316: Causes mild skin irritation

Precautionary Statement(s):

P261: Avoid breathing vapours/spray.
P280: Wear protective clothing.



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3. COMPOSITION/INFORMATION ON INGREDIENTS

Chemical identity	CAS Number	Proportion
Water	7732-18-5	60-70 %
2-Butoxyethanol	111-76-2	< 1 %
Propylene glycol	57-55-6	< 2 %
Propylene glycol monomethyl ether	107-98-2	< 1%
Zirconium tetra(2-ethylhexanoate)	2233-42-3	< 1%
Propylene glycol	57-55-6	< 2%
2-Methoxymethylethoxypropanol	34590-94-8	<0.5%
3-iodo-2-propynyl butylcarbamate	55406-53-6	< 0.5%
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 on 13 11 26.

Swallowed: If conscious, dilute stomach contents by giving large amounts of water. Seek medical attention. Do not attempt to induce vomiting or give anything by mouth to an unconscious person.

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.

5. FIRE FIGHTING MEASURES

Specific hazards: Solution will not burn due to presence of water. Dried product can burn in a fire.

Extinguishing media: Use extinguishing media appropriate for surrounding fire.

Fire: If fire occurs, use appropriate extinguishing media. Material can splatter above 100°C. Spills and leaks may be washed away with copious volumes of water, fog or spray. 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: Burning can produce predominantly carbon monoxide and/or carbon dioxide.



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Hazchem Code: None allocated

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 method. Prevent run-off into drains and waterways. Wash the spill area with copious volumes of water to remove any trace amounts of product. The product mixes completely 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.

7. HANDLING AND STORAGE

Handling: Avoid contact with eyes, skin and clothing. Keep containers tightly closed. Avoid ingestion and inhalation. Use with adequate ventilation. 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. Protect from freezing temperatures as material may coagulate. The minimum recommended storage temperature is 5°C. The maximum recommended storage temperature is 50°C. Do not eat, drink or smoke in areas of use or storage.

Incompatibilities: There are no known materials which are incompatible with this product.

8. EXPOSURE CONTROLS/PERSONAL PROTECTION

National occupational exposure standards

Substance	TWA	STEL	Carcinogen Category	Notices
Ethylene glycol (vapour)	60 mg/m ³	120 mg/m ³	None allocated	None allocated

As published by 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.

STEL (Short Term Exposure Limit) - the average airborne concentration over a 15 minute period which should not be exceeded at any time during a normal eight-hour work day.

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



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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)

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:	opaque grey coloured liquid with slight odour
Boiling Point:	approx. 100°C (water)
Melting Point:	approx. 0°C (water)
Vapour pressure:	not available
Viscosity:	25 cp (20°C, Brookfield) 1.05 (20°C) not flammable 7 - 8
Specific gravity:	not flammable
Flash Point:	not available
pH:	not available
Flammability Limits:	completely miscible
Autoignition temperature:	not available
Solubility in water:	not available
Vapour Density:	
Odour threshold:	

10. STABILITY AND REACTIVITY

Chemical stability:	Stable at room temperature in closed containers.
Hazardous polymerization:	Will not occur.
Incompatible materials:	None identified.
Conditions to avoid:	Excess heat.
Hazardous decomposition products:	Burning dried product can produce predominantly carbon monoxide and/or carbon dioxide.

11. TOXICOLOGICAL INFORMATION

Swallowed: Unlikely under normal occupational exposures. Swallowing this product is likely to cause gastric disturbances.

Eye: The liquid may cause temporary irritation. Watering and redness of the eyes may result.

Skin: Prolonged or repeated skin contact may result in slight irritation.

Inhaled: Prolonged inhalation of the vapour or mist may cause nausea, headache, irritation of the nose, throat and eyes.

Chronic: Chronic health effects are not known for this product.

Acute toxicity: No toxicity data is available for this material. The following toxicity data is applicable for the ingredient listed in this product:



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Chemical Name	Oral LD50 470	Dermal LD50 99	Inhalation LC50
2-Butoxyethanol	mg/kg (Rat) 4016	mg/kg (Rabbit)	450 ppm (Rat) 4 h
Propylene glycol monomethyl ether	mg/kg (Rat) 5,200	>2000 mg/kg	28.5 mg/l (Rat) 6 h
2-Methoxymethylethoxypropanol	mg/kg (Rat) 35	(Rabbit) 9,500 mg/kg	>50 mg/l (Rat)
3-iodo-2-propynyl butylcarbamate	mg/kg (Rat)	(Rabbit) 2000 mg/kg	Not available
		(Rabbit)	

12. ECOLOGICAL INFORMATION

Ecotoxicity: No ecotoxicity data is available for this material. The following ecotoxicity data is applicable for IPBC: Toxicity to fish: LC50 > 0.83 mg/L /96 h (Rainbow Trout)

Persistence and degradability: The polymer in this product can be virtually eliminated from water by abiotic processes, e.g. adsorption onto effluent sludge in effluent treatment plants.

Mobility in soil: No data available

13. DISPOSAL CONSIDERATIONS

Suitable for disposal to approved landfill facility in accordance with local waste authority requirements. Product can also be flushed to effluent treatment plants for treatment. Dispose of wastewater in accordance with local, state and federal regulations. Empty containers can be cleaned by complete rinsing with water.

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



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15. REGULATORY INFORMATION

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

Poisons Schedule: Not Scheduled

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 2161 Industrial Safety Gloves and Mittens (excluding electrical and medical gloves).

Preschem Pty Ltd SDS Contact Point:

OH&S / Quality Manager (Rohan Baker)
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This Safety Data Sheet has been prepared by Preschem Pty Ltd.

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Issue Date: 22/JUNE2021/RB Supercedes Issue Date: Not Applicable

Reasons for Issue: New Product.

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.