

Safety Data Sheet

MCA Treated Timber

1. IDENTIFICATION OF THE MATERIAL AND SUPPLIER

Supplier Name Porta Products Pty Ltd

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Synonyms Treated timber

Use Industrial applications, timber

2. HAZARD IDENTIFICATION

Classification of the substance or mixture NOT CLASSIFIED AS HAZARDOUS ACCORDING TO SAFE WORK AUSTRALIA CRITERIA

GHS Label Elements No signal word, pictograms, hazard or precautionary statements have been allocated.

Other Hazards No information provided.

3. COMPOSITION / INFORMATION OF INGREDIENTS

Ingredient	CAS No.	EC No.	Content
Copper (II) Carbonate Hydroxide	12069-69-1	235-113-6	<2%
Sodium Nitrite	7632-00-0	231-555-9	<0.08%

Tebuconazole	107534-96-3	403-640-2	<0.02%
Timber (softwood)	-	-	>95%
Additive(s)	-	-	<1%
Dispersant(s)	-	-	0.1 to 0.3%

4. FIRST AID MEASURES

Eye Exposure is considered unlikely unless dust is generated. Hold eyelids apart and flush the eye continuously with running water for at least 15 minutes.

Inhalation Due to product form / nature of use, an inhalation hazard is not anticipated (unless sanding and creating wood dust).

Skin Due to product form, acute skin hazards are not anticipated. If irritation occurs, seek medical advice.

Ingestion For advice, contact a Poisons Information Centre on 13 11 26 (Australia Wide) or a doctor (at once). Due to product form and application, ingestion is considered unlikely.

First Aid Facilities Normal washroom facilities should be available.

Most important symptoms and effects, both acute and delayed No adverse health effects expected if the product is handled in accordance with the SDS and the product label.

Immediate medical attention and special treatment needed Treat symptomatically.

5. FIRE FIGHTING MEASURES

Extinguishing Water spray or fog, for large quantities. Prevent contamination of drains and waterways.

Special hazards arising from the substance or mixture

Combustible. May evolve toxic gases (carbon oxides, hydrocarbons) when heated to decomposition. Finely divided dust may form explosive mixtures with air.

Advice for Firefighters Evacuate area and contact emergency services. Toxic gases may be evolved in a fire situation. Remain upwind and notify those downwind of hazard. Wear full protective equipment including Self Contained Breathing Apparatus (SCBA) when combating fire. Use waterfog to cool intact containers and nearby storage areas.

Hazchem Code None allocated.

6. ACCIDENTAL RELEASE MEASURES

Personal Precautions Wear personal protective equipment (PPE) as detailed in Section 8.

Environmental Precautions Prevent product from entering drains and waterways.

Methods of Cleaning Up If spilt, collect and reuse where possible.

References See Sections 8 and 13 for exposure controls and disposal.

7. STORAGE AND HANDLING

Precautions for safe handling Before use carefully read the product label. Use of safe work practices are recommended to avoid eye or skin contact and inhalation. Observe good personal hygiene, including washing hands before eating. Prohibit eating, drinking and smoking in contaminated areas.

Conditions for safe storage, including any incompatibilities Store in a dry, well-ventilated area.

Specific End Uses No information provided.

8. EXPOSURE CONTROLS / PERSONAL PROTECTIONS

EXPOSURE STANDARDS

Ingredient	TWA		STEL		Reference
	ppm	mg/ m ³	ppm	mg/m ³	
Wood dust	-	0.5	-	-	SWA [Proposed]
Wood dust (certain hardwoods such as beech and oak)	-	1	-	-	SWA [AUS]

BIOLOGICAL LIMITS

No biological limit values have been entered for this product.

Engineering Controls Avoid inhalation. Use in well ventilated areas. If sanding, drilling or cutting, use appropriate local extraction ventilation. Maintain dust levels below the recommended exposure standard.

Eye Protection Wear dust-proof goggles.

Hands Wear leather or cotton gloves.

Body Not required under normal conditions of use.

Respiratory If cutting or sanding with potential for dust generation, wear a Class P1 (Particulate) respirator.

9. PHYSICAL AND CHEMICAL PROPERTIES

Appearance Solid wood

Odour Odourless

Flammability Combustible

Flash Point (°C) N Av

Boiling point N Av

Melting Point N Av

Evaporation Rate N Av

pH N Av

Vapour Density N Av

Solubility (water) Insoluble

Vapour Pressure N Av

Upper Explosion limit N Av

Lower Explosion limit N Av

Partition Coefficient N Av

Autoignition Temperature N Av

Decomposition Temperature N Av

Viscosity N Av

Explosive Properties N Av

Oxidising Properties N Av

Odour Threshold N Av

N Av = Not Available, N App = Not Applicable

10. STABILITY AND REACTIVITY

Reactivity Carefully review all information provided in section 10.

Chemical Stability Stable under recommended conditions of storage.

Possibility of Hazardous Reactions Polymerization will not occur.

Conditions to Avoid Avoid heat, sparks, open flames and other ignition sources.

Incompatible Materials Compatible with most commonly used materials.

Hazardous Decomposition Products May evolve toxic gases (carbon oxides, hydrocarbons) when heated to decomposition.

11. TOXICOLOGICAL INFORMATION

ACUTE EFFECTS

This product is expected to be of low acute toxicity. Based on available data, the classification criteria are not met. **Information available for the ingredients:**

Ingredient	Oral LD50	Dermal LD50	Inhalation LC50
Copper (II) Carbonate Hydroxide	1,385 mg/kg (rat)	>2,000 mg/kg (rat)	-
Sodium Nitrite	85 mg/kg (rat)	-	5.5 mg/m ³ /4 hours (rat)
Tebuconazole	1,700 mg/kg (rat)	>5000 mg/kg (rat)	>800 mg/m ³ /4hrs (rat)

Skin Not classified as a skin irritant. Prolonged or repeated exposure to dust may result in mechanical irritation and dermatitis.

Eye Not classified as an eye irritant. Product may only present a hazard if wood is cut or sanded with dust generation, which may result in lacrimation and irritation.

Sensitisation Not classified as causing skin or respiratory sensitisation.

Mutagenicity Not classified as a mutagen.

Carcinogenicity Not classified as a carcinogen. However, repeated exposure to wood dust may result in nasal and paranasal sinus cancers (IARC Group 1). Adverse health effects are usually associated with long-term exposure to high dust levels.

Reproductive Not classified as a reproductive toxin.

STOT - Single Exposure Not classified as causing organ damage from single exposure.

STOT - Repeated Exposure Not classified as causing organ damage from repeated exposure.

Aspiration Not classified as causing aspiration.

12. ECOLOGICAL INFORMATION

Toxicity Not expected to be harmful to aquatic life.

Persistence and Degradability Not applicable.

Bioaccumulative Potential This product does not bioaccumulate.

Mobility in Soil This product is immobile in soil.

Other Adverse Effects No information provided.

13. DISPOSAL CONSIDERATIONS

Waste Disposal Dispose of to an approved landfill or waste processing site. Contact the manufacturer/supplier for additional information (if required).

Legislation Dispose of in accordance with relevant local legislation.

14. TRANSPORT INFORMATION

NOT CLASSIFIED AS A DANGEROUS GOOD BY THE CRITERIA OF THE ADG (LAND TRANSPORT) CODE, IMDG/IMO (SEA TRANSPORT) OR IATA/ICAO (AIR TRANSPORT).

UN Number None Allocated

Proper Shipping Name None Allocated

Transport Hazard Class None Allocated

Packing Group None Allocated

Environmental Hazards No information provided

Hazchem Code None allocated.

15. REGULATORY INFORMATION

Safety, health and environmental regulations/legislation specific for the substance or mixture:

Poison Schedule A poison schedule number has not been allocated to this product using the criteria in the Standard for the Uniform Scheduling of Medicines and Poisons (SUSMP).

Classifications Safe Work Australia criteria is based on the Globally Harmonised System (GHS) of Classification and Labelling of Chemicals (GHS Revision 7).

Inventory Listings AUSTRALIA: AIC (Australian Inventory of Industrial Chemicals). All components are listed on AIC, or are exempt.

16. OTHER INFORMATION

Do not burn treated timber. Do not use treated timber as mulch.

Personal Protective Equipment Guidelines The recommendation for protective equipment contained within this report is provided as a guide only. Factors such as form of product, method of application, working environment, quantity used, product concentration and the availability of engineering controls should be considered before final selection of personal protective equipment is made.

Health Effects from Exposure It should be noted that the effects from exposure to this product will depend on several factors including: form of product; frequency and duration of use; quantity used; effectiveness of control measures; protective equipment used and method of application. Given that it is impractical to prepare a report which would encompass all possible scenarios, it is anticipated that users will assess the risks and apply control methods where appropriate.

ABBREVIATIONS

ACGIH American Conference of Governmental Industrial Hygienists

CAS # Chemical Abstract Service number - used to uniquely identify chemical compounds

CNS Central Nervous System

EC No. European Community Number

EMS Emergency Schedules (Emergency Procedures for Ships Carrying Dangerous Goods)

GHS Globally Harmonized System

GTEPG Group Text Emergency Procedure Guide IARC International Agency for Research on Cancer

IARC International Agency for Research on Cancer

LC50 Lethal Concentration, 50% / Median Lethal Concentration

LD50 Lethal Dose, 50% / Median Lethal Dose

mg/m³ Milligrams per Cubic Metre

OEL Occupational Exposure Limit

pH relates to hydrogen ion concentration using a scale of 0 (highly acidic) to 14 (highly alkaline)

ppm Parts Per Million

STEL Short-Term Exposure Limit

STOT-RE Specific target organ toxicity (repeated exposure)

STOT-SE Specific target organ toxicity (single exposure)

SUSMP Standard for the Uniform Scheduling of Medicines and Poisons

SWA Safe Work Australia

TLV Threshold Limit Value

TWA Time Weighted Average

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It is based on information concerning the product which has been provided to RMT by the manufacturer, importer or supplier or obtained from third party sources and is believed to represent the current state of knowledge as to the appropriate safety and handling precautions for the product at the time of issue. Further clarification regarding any aspect of the product should be obtained directly from the manufacturer, importer or supplier.

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