

Date	Oct19
Issue	004

RLA-SDS 01

Safety Data Sheet

1. MATERIAL AND SUPPLY COMPANY IDENTIFICATION

Product name: **TWA Woodbrite**

Recommended use: A cleaner and brightener for weathered or discoloured timber.

Other Names: Peroxydicarbonic acid

Supplier: Preschem Pty Ltd
ABN: 41 314 509 336

Street Address: 147-149 Herald Street
Cheltenham VIC 3192
Australia

Telephone: 03 9532 0679
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Emergency telephone number: 1800 641 711
International emergency number: +61 3 9532 0679

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.
H320: Causes eye irritation
H316: Causes mild skin irritation

Precautionary Statement(s)

P102: Keep out of reach of children.
P261: Avoid breathing dust.
P280: Wear protective gloves/protective clothing/eye protection.
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): S5

3. COMPOSITION INFORMATION

CHEMICAL ENTITY	CAS NO.	PROPORTION
Peroxydicarbonic acid, disodium salt	3313-92-6	>93%
Detergent	-	<5%
Surfactant	-	<2%
Total		100%

4. FIRST AID MEASURES

If poisoning occurs, contact a doctor or Poisons Information Centre (Phone Australia 131 126, New Zealand 0800 764 766).

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 fully recovered. Seek medical advice if effects persist.

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

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. Remove clothing if contaminated and wash skin. Urgently seek medical assistance. Transport to hospital or medical centre.

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 assistance.

Notes to physician: Treat symptomatically. Can cause corneal burns.

5. FIRE-FIGHTING MEASURES

Specific hazards: Non Flammable - oxidiser - will aid combustion. May evolve toxic gases when heated to decomposition. May ignite in contact with incompatible materials.

Fire fighting further advice: Non flammable - aids combustion - oxidising agent. Evacuate area and contact emergency services. Toxic gases may be evolved when heated. 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

Suitable extinguishing media: Non - Flammable

6. ACCIDENTAL RELEASE MEASURES

Avoid accidents, clean up immediately. Wear protective equipment including P1 particulate respirator, goggles and PVA/rubber gloves to prevent skin and eye contamination. Sweep up, but avoid generating dust. Collect and seal in properly labelled containers or drums for disposal.

7. HANDLING AND STORAGE

Handling: Avoid skin and eye contact and breathing in dust. Avoid handling which leads to dust formation or wear a P1 compatible dust mask if dust exists. Wear PVA/rubber gloves and goggles. Do not permit use when smoking or eating.

Storage: 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 (eg. if container is damaged).

This material is a Scheduled Poison S5 and must be stored, maintained and used in accordance with the relevant regulations.

8. EXPOSURE CONTROLS / PERSONAL PROTECTION

National occupational exposure limits:

	TWA		STEL		CARCINOGEN CATEGORY	NOTICES
	ppm	mg/m ³	ppm	mg/m ³		
Peroxydicarbonic acid:	-	10	-	2	-	-

TWA - The time-weighted average airborne concentration over an eight-hour working day, for a five-day working week over an entire working life.

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 workday.

These Exposure Standards are guides to be used in the control of occupational health hazards. All atmospheric contamination should be kept too 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 measures: Use with local exhaust ventilation or while wearing dust mask. Keep containers closed when not in use. Ensure ventilation is adequate and that air concentrations of components are controlled below quoted Exposure Standards.

Personal protection equipment: OVERALLS, SAFETY SHOES, GLOVES, CHEMICAL GOGGLES.

Wear overalls, safety glasses and impervious gloves. If risk of inhalation, wear dust mask/respirator meeting the requirements of AS/NZS 1715 and AN/NZS 1716. Always wash hands before smoking, eating, drinking or using the toilet.

9. PHYSICAL AND CHEMICAL PROPERTIES

Appearance:	WHITE FREE FLOWING POWDER
Odour:	ODOURLESS
pH(1% SOLUTION):	10.0
% Volatiles:	NOT AVAILABLE
Vapour Pressure:	NOT AVAILABLE
Vapour Density:	NOT AVAILABLE
Boiling Point:	NOT AVAILABLE
Melting Point:	NOT AVAILABLE
Evaporation Rate:	NOT AVAILABLE
Exposure Standard:	NOT AVAILABLE
Solubility (water):	SOLUBLE
Specific Gravity:	1.15
Flammability:	NON FLAMMABLE

Flash Point: NOT RELEVANT
Upper Explosion Limit: NOT RELEVANT
Lower Explosion Limit: NOT RELEVANT
Autoignition Temperature: NOT AVAILABLE

10. STABILITY AND REACTIVITY

Chemical stability: Stable under normal conditions of use.

Conditions to avoid: Oxidising agent. Incompatible (violently) with reducing agents (eg. nitromethane, amines), acids, alkalis and combustibles (eg organics, oils, solvents).

Decomposition Products: May evolve toxic gases when heated to decomposition.

Hazardous Reactions: Reaction with water and acids will generate heat. Will react violently with aluminium powder, fluorine, phosphorous pentoxide, sulphuric acid, ammoniacal silver nitrate and molten lithium

11. TOXICOLOGICAL INFORMATION

Irritant. This product has the potential to cause adverse health effects with direct eye or skin contact. Use safe work practices to avoid direct eye or skin contact and dust generation or inhalation.

Acute Effects

Inhalation: Breathing in dust may result in respiratory irritation. Inhaled dust may cause headaches and nausea.

Skin contact: Contact with skin may result in irritation, redness or dermatitis.

Eye contact: Irritant. Contact can cause lacrimation, irritation, pain, redness, conjunctivitis and possible corneal burns with prolonged contact. Contamination of eyes can result in permanent injury.

Ingestion: Low to moderate toxicity. Ingestion may result in nausea, vomiting, gastrointestinal irritation and diarrhoea.

Toxicity Data:

Oral LD₅₀ (rat): 1034 mg/kg
Inhalation LC₅₀ (rat): 4850 mg/L

12. ECOLOGICAL INFORMATION

Ecotoxicity: Avoid contaminating waterways. The product is moderately alkaline. If large spills occurred, a water pH rise could be responsible for an environmental effect on aquatic organisms. If not neutralised this product could potentially be toxic for aquatic organisms because of its alkalinity pH>9 can have an effect on fish. pH>8.5 could destroy algae.

Persistence and degradability: Considered to be readily biodegradable to AS 4351.

Mobility: No information available.

13. DISPOSAL CONSIDERATIONS

Refer to State/Territory Land Waste Management Authority.

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: This material is hazardous according to criteria of Safe Work Australia

Poisons Schedule (Aust): S5

All materials listed on the Australian Inventory of Chemical Substances (AICS).

16. OTHER INFORMATION

Literary reference

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

Reason(s) For Issue: Change of Distributor details

Issue Date: 07-Oct 2019

Supercedes Issue Date: 19-Oct-2016

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

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 RLA Polymers 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