

Safety Data Sheet

TIMBER CLEAN & PREP

1. Identification of Material and Supplier

Product Name:	Timber Clean & Prep
Product Code:	TCP
Other Names:	Water Based Timber Cleaner
Recommended Use:	For treating mould, mildew and cleaning timber before application of stains
Company:	Agrippa Paints Ltd
Address:	PO Box 16017, Hornby, Christchurch 8042
Emergency Telephone:	(03) 344 0260 ask for Technical Manager 24/7 EMERGENCY ONLY - 0800 245 345
Telephone/Fax number:	Tel: (03) 344 0260 Fax: (03) 349 8732
New Zealand National Poison Centre:	0800 POISON (0800 764 766)

Preparation of Safety Data Sheets for Hazardous Chemicals 2011 & New Zealand HSNOCOP 8-1 2006

2. Hazards Identification

Classified as hazardous according to criteria in the Hazardous Substances (Minimum Degrees of Hazard) Notice 2017 and the Hazardous Substances (Classification) Notice 2017

Classified as dangerous goods according to the Transport of Dangerous Goods on Land (NZS5433).

Signal Word	Danger / Warning
Hazard Classification:	Corrosive to metals category 1 Specific target organ toxicity - repeated exposure category 1 Skin corrosion category 1C Serious eye damage category 1 Hazardous to the aquatic environment acute category 1

Pictogram



Hazard Statements	May be corrosive to metals Causes damage to organs through repeat exposure Causes severe skin burns and eye damage Causes serious eye damage
--------------------------	---

Prevention	P280: Wear protective gloves, protective clothing, eye protection/face protection P264: Wash thoroughly after handling P273: Avoid release to the environment P234: Keep only in original packaging P260: Do not breathe vapour/mist P270: Do not eat, drink or smoke when using this product
-------------------	--

Response	P321: Specific treatment - See section 4 P305+P351+P338: IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do so. Continue rinsing P390: Absorb spillage to prevent material-damage P308+P311: IF exposed or concerned: Call a poison centre or doctor P301+P330+P331: IF SWALLOWED: Rinse mouth. Do NOT induce vomiting. P303+P361+P353: IF ON SKIN (or hair): Take off immediately all contaminated clothing. Rinse skin with water P363: Wash contaminated clothing before reuse P304+P340: IF INHALED: Remove person to fresh air and keep comfortable for breathing P310: Immediately call a POISON CENTRE/doctor P391: Collect spillage
-----------------	---

Safety Data Sheet

TIMBER CLEAN & PREP

Storage	P405: Store Locked up P406: Store in a corrosion resistant container
Disposal	P501: Dispose of contents/container in accordance with local government regulations

3. Composition/information of Ingredients

Chemical characterization

Aqueous solution

Component	EC Number	CAS Number	Proportion
Quaternary ammonium compounds	270-325-2	68424-85-1	<5%
Oxalic acid	205-634-3	144-62-7	<10%
Citric Acid	201-069-1	77-92-9	<10%
Water		7732-18-5	Balance

4. First Aid Measures

If on skin

Wash skin immediately with soap and water. If skin irritation occurs: Get medical advice/ attention. Take off contaminated clothing and wash before re-use.

If in eyes

In case of contact with eyes, rinse immediately with water for as long as possible. Remove contact lenses (if present) and continue flushing. Seek medical advice.

If inhaled

If breathing is difficult, remove to fresh air and keep at rest in a position comfortable for breathing. Call a POISON CENTER or doctor/ physician if you feel unwell.

If swallowed

Call a POISON CENTER or doctor/ physician if you feel unwell. Do not induce vomiting. May cause chemical burns in mouth and throat.

Advice to doctor

Treat symptomatically.

5. Fire Fighting Measures

Suitable extinguishing media

Use dry powder or foam.

Extinguishing media that must not be used for safety reasons

High volume water jet

Special hazards from the substance itself, its combustion products or from its vapours

In the event of fire toxic fumes are emitted.

Special protective precautions and equipment for fire fighters

Firefighters should use self contained breathing apparatus and protective gloves in case of fire.

Further information

Collect contaminated fire extinguishing water separately. This must not be discharged into drains. Fire residues and contaminated fire extinguishing water must be disposed of in accordance with local regulations.

Safety Data Sheet

TIMBER CLEAN & PREP

6. Accidental Release Measure

Additional information

Environmental precautions

Do not discharge into the subsoil/soil. Do not allow to enter watercourses or drains.

Methods for cleaning up/taking up

Remove leaking containers to a detached area. Bund spill area and recover – consider recycling. Contain spill with inert material. Soak up with inert absorbent material (e.g. sand, silica gel, acid binder, universal binder, sawdust). Keep in suitable, closed containers for disposal.

Additional information

In the case of respirable dust and/or fumes, use self-contained breathing apparatus and dust impervious protective suit.

Must not be released into sewers, drains or wells.

Personnel involved in clean-up require adequate respiratory, skin and eye protection in case of large spillage.

Cleaning of Equipment: Clean with water.

7. Handling and Storage

Advice on safe handling

The product should be stored, handled and used in accordance with good industrial hygiene practices and in conformity with government regulations.

Conditions for safe storage

Keep only in original container. Store in a corrosive resistant container with a resistant inner liner.

Keep container tightly closed in a dry and well-ventilated place.

8. Exposure Controls/Personal Protection

National exposure standards

NZ Workplace Exposure Standards

Substance	CAS #	TWA	STEL
Oxalic acid	68424-85-1	1mg/m ³	2mg/m ³

Occupational exposure controls

Engineering Controls

Provide eyewash station and safety shower.

Hygiene measures

Observe the usual precautions when handling chemicals. Avoid contact with skin and eyes.

Wash thoroughly after handling.

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

Respiratory protection :

If working in a confined space where ventilation is limited or a visible mist is being generated use approved respirator with combination cartridge filters suitable for vapours

Hand protection :

Protective gloves (Nitrile rubber or butyl-rubber)

Eye protection :

Safety glasses or face shield

Body protection :

Protective clothing

9. Physical and Chemical Properties

Lower explosion limit :

Not tested

Upper explosion limit :

Not tested

Vapour pressure :

Not tested.

Density :

No data

Form :

Clear Liquid

Colour :

Colourless

Odour :

Not significant

Boiling point :

Not tested

Flash point :

Not applicable

Auto ignition temperature:

Not applicable

Flammability limit, % vol:

Not tested

Density :

No data

Solubility in water :

Completely

Viscosity (dynamic) :

No data

pH :

1-2 (as supplied)

10. Stability and Reactivity

Chemical stability :

Under normal conditions the product is stable.

Materials to avoid :

Incompatible with acids, reducing agents.

Stability :

Stable under normal operating conditions

Thermal decomposition :

No decomposition if used as prescribed.

Hazardous decomposition products :

None when used and handled as intended.

Conditions to avoid :

Avoid contact with metals and strong oxidising agents and bases and exposure to heat.

Safety Data Sheet

TIMBER CLEAN & PREP

11. Toxicological Data

Acute toxicity:	No data available
Expect LD ₅₀ oral 2000 - 5000 mg/kg (based on similar products)	May be harmful if swallowed.
Skin Contact:	Corrosive to skin
Eye Contact:	Corrosive to eye
Acute Dermal toxicity:	Not tested.
Sensitisation effects:	Not sensitising
Genotoxicity in vitro:	Not tested.
Mutagenic effects:	Not tested.
Carcinogenic effects:	Not tested.
Chronic effects:	Available evidence from animal studies indicate that repeated or prolonged exposure to a component Oxalic Acid could result in effects on blood and the hematopoietic system chronic skin exposure to solutions of oxalic acid has been reported to have caused localized pain & cyanosis in fingers or even gangrenous changes, apparently due to localized absorption and resultant arteritis.

12. Ecological Information

Aquatic toxicity :	No data
Fish toxicity :	No data
Daphnia toxicity :	No data
Algae toxicity :	No data
Bacteria toxicity :	No data
Persistence / degradability:	This property is substance-specific and therefore cannot be given for the preparation.
Mobility:	Not tested.

Remarks

The product is expected to be hazardous to the aquatic environment based on the hazardous component that is very toxic to Algae ErC50 0.049mg/l Pseudokirchneriella subcapitata (green algae) 72h. Do not allow undiluted product or large quantities of it to reach ground water, water course or sewage system.

13. Disposal Considerations

Product

Dispose of as a hazardous waste via an approved waste facility.

In NZ see <http://www.legislation.co.nz/regulation/public/2001/0119/latest/DLM41657.html> for requirements

Uncleaned packaging

Regulations concerning reuse or disposal of used packaging materials must be observed.

14. Transport Information

Land : ADG

UN Number	3265
Proper shipping name	Corrosive Liquid, Acidic, Organic N.O.S
Hazard Inducer	mixed organic acids
Dangerous Goods Class	8
Packaging Group	II
Hazchem Code	2X
Marine Pollutant	Yes

Land : NZS5433

UN Number	3265
Proper shipping name	Corrosive Liquid, Acidic, Organic N.O.S
Hazard Inducer	mixed organic acids
Dangerous Goods Class	8
Packaging Group	II
Hazchem Code	2X
Marine Pollutant	Yes

Air : IATA

UN Number	3265
Proper shipping name	Corrosive Liquid, Acidic, Organic N.O.S
Hazard Inducer	mixed organic acids
Dangerous Goods Class	8
Packaging Group	II
Hazchem Code	2X
Marine Pollutant	Yes

Sea : IMDG

UN Number	3265
Proper shipping name	Corrosive Liquid, Acidic, Organic N.O.S
Hazard Inducer	mixed organic acids
Dangerous Goods Class	8
Packaging Group	II
Hazchem Code	2X
Marine Pollutant	Yes

Safety Data Sheet

TIMBER CLEAN & PREP

15. Regulatory Information

HSNO Approval Number :	HSR002526 -- Cleaning Products (Corrosive) Group Standard 2006
Poison Schedule (SUSMP):	Schedule 6 – Oxalic acid
Tracking :	Not required
Approved Handler :	Not required
National Chemical Inventories	
NZIoC :	All components listed on the New Zealand Inventory of Chemicals.

16. Other Information

Revision Date:	SDS Reviewed October 2023
Legend to abbreviations and Acronyms:	NA = Not Applicable C = Celcuis

Preparation of Safety Data Sheets for Hazardous Chemicals 2011 & New Zealand HSNOCOP 8-1 2006

Other information: This safety data sheet was prepared using data from the supplier version of safety data sheet

Disclaimer

This MSDS summarises our best knowledge of the health and safety hazard information of the product and how to safely handle and use the product in the workplace. Each user should read this MSDS and consider the information in the context of how the product will be handled and used in the workplace, including in conjunction with other products.

If clarification or further information is needed to ensure that an appropriate risk assessment can be made, the user should contact this company. Our responsibility for products sold is subject to our standard terms and conditions, a copy of which is sent to our customers and is also available on request.

"This technical information is given in good faith, based on our experience and tests. However, subject to any implied terms, conditions, or warranties imposed by the Consumer Guarantees Act 1993 the recommendations and suggestions herein are made without guarantee, as application conditions are out of our control. Adequate tests should be made to ensure product or recommendations suitability".

"There shall be no right of redress against the manufacturer under the Consumer Guarantees Act 1993 in respect of goods which fail to comply with any express guarantees made by the manufacturer in relation to the information contained herein where the goods have failed for reasons beyond the control of the manufacturer".

"Nothing in the Consumer Guarantees Act 1993 relating to any express guarantees made by the manufacturer in relation to the information contained herein shall apply where the purchaser of the goods will use those goods for business purpose or any other purpose which is not a domestic purpose".