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# 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  
 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

#### Hazard Classification

Classified as hazardous according to the criteria of NOHSC Approved Criteria for Classifying Hazardous.  
 Classified as hazardous according to the criteria of the Globally Harmonized System of classification and Labelling (GHS).  
 Classified as hazardous according to the criteria of HSNO Minimum degrees of hazard regulations.  
 Classified as dangerous goods according to the Transport of Dangerous Goods on Land (NZS5433).

#### HASNO Hazard Classification

HSNO Class	GHS Class	SIGNAL WORD	Hazard Statement
6.1E	Acute Toxicity/ Oral: Cat 5	Warning	H303 May be harmful if swallowed.
6.8C	Reproductive Tox: Effect on or via lactation	Warning	H362 May cause harm to breast-fed children.
8.1A	Corr to metals: Cat 1	Warning	H290 May be corrosive to metals
6.9B	STOT (RE) Cat 2	Warning	H373 May cause damage to organs through prolonged or repeat exposure
8.2C	Skin corr/irr't: Cat 1B	Danger	H314 Causes severe skin burns and eye damage.

#### Hazard Statements

8.3A	Eye damage/ irr't: Cat 1	Danger	H318 Causes serious eye damage.
9.1A	Aquatic Tox Acute Cat1	Warning	H400 Very toxic to aquatic life

#### Precautionary Statements :

P102 Keep out of reach of children.  
 P103 Read label before use.  
 P101 If medical advice is needed, have product container or label at hand.  
 P234 Keep only in original container.  
 P260 Do not breathe fume/mist/vapours/spray.  
 P264 Wash all affected areas of the body thoroughly after use.  
 P270 Do not eat, drink or smoke when using this product.  
 P273 Avoid release to the environment  
 P280 Wear protective gloves, clothing, face/eye protection.  
 P301+P330+P331 IF SWALLOWED: Rinse mouth. Do NOT induce vomiting.  
 P303+P361+P353 IF ON SKIN (or hair): Remove/Take off immediately all contaminated clothing. Rinse skin with water/shower.  
 P304+P340 IF INHALED: Remove to fresh air and keep at rest in a position comfortable for breathing.  
 P308/P309-P313 IF exposed or concerned or if you feel unwell: Get medical advice/ attention.  
 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. Immediately call a POISON CENTRE or doctor/physician.  
 P312 Call a POISON CENTRE or doctor if you feel unwell.  
 P363 Wash contaminated clothing before re-use

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P390 Absorb spillage to contain material damage.  
P501 Dispose of the substance and any packaging responsibly.  
P406 Store in corrosive resistant nonmetal container.  
P405 Store locked up.

Risk phrase(s):  
R48 Danger of serious damage to health by prolonged exposure.  
R64 May cause harm to breast-fed babies.  
R41 Risk of serious damage to eye.  
R51/53 Very toxic to aquatic organisms.

Safety phrases:  
S20 When using do not eat or drink  
S24 Avoid contact with the skin  
S25 Avoid contact with the eyes  
S26 In case of contact with eyes, rinse immediately with plenty of water and seek medical advice.  
S27 Take off immediately all contaminated clothing  
S28 After contact with skin, wash immediately with plenty of water.  
S29 Do not empty into drains  
S35 This material and its container must be disposed of in a safe manner.  
S36/37/39 Wear suitable protective clothing, gloves and eye/face protection.  
S45 In case of accident or if you feel unwell, seek medical advice immediately (show the label where possible).  
S46 If swallowed seek medical advice immediately and show this container or label.  
S56 Dispose of this material and its container at a hazardous or special waste collection point.  
S57 Use appropriate containment to avoid environmental contamination  
S61 Avoid release to the environment. Refer to special instructions/ Safety Data Sheets.

### 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	8-10%
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.

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### 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 <sup>3</sup>	2mg/m <sup>3</sup>

#### 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 half face 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 (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.

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### 11. Toxicological Data

<b>Acute toxicity:</b>	No data available
Expect LD <sub>50</sub> oral 2000 - 5000 mg/kg (based on similar products)	May be harmful if swallowed.
<b>Skin Contact:</b>	Corrosive to skin
<b>Eye Contact:</b>	Corrosive to eye
<b>Acute Dermal toxicity:</b>	Not tested.
<b>Sensitisation effects:</b>	Not sensitising
<b>Genotoxicity in vitro:</b>	Not tested.
<b>Mutagenic effects:</b>	Not tested.
<b>Carcinogenic effects:</b>	Not tested.
<b>Chronic effects:</b>	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

<b>Aquatic toxicity :</b>	No data
<b>Fish toxicity :</b>	No data
<b>Daphnia toxicity :</b>	No data
<b>Algae toxicity :</b>	No data
<b>Bacteria toxicity :</b>	No data
<b>Persistence / degradability:</b>	This property is substance-specific and therefore cannot be given for the preparation.
<b>Mobility:</b>	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	(Oxalic Acid, Citric Acid, Benzalkonium chloride)
Dangerous Goods Class	8
Packaging Group	III
Hazchem Code	2X
Marine Pollutant	Yes

#### Land : NZS5433

UN Number	3265
Proper shipping name	Corrosive Liquid, Acidic, Organic N.O.S
Hazard Inducer	(Oxalic Acid, Citric Acid, Benzalkonium chloride)
Dangerous Goods Class	8
Packaging Group	III
Hazchem Code	2X
Marine Pollutant	Yes

#### Air : IATA

UN Number	3265
Proper shipping name	Corrosive Liquid, Acidic, Organic N.O.S
Hazard Inducer	(Oxalic Acid, Citric Acid, Benzalkonium chloride)
Dangerous Goods Class	8
Packaging Group	III
Hazchem Code	2X
Marine Pollutant	Yes

#### Sea : IMDG

UN Number	3265
Proper shipping name	Corrosive Liquid, Acidic, Organic N.O.S
Hazard Inducer	(Oxalic Acid, Citric Acid, Benzalkonium chloride)
Dangerous Goods Class	8
Packaging Group	III
Hazchem Code	2X
Marine Pollutant	Yes

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### 15. Regulatory Information

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

### 16. Other Information

<b>Revision Date:</b>	SDS Reviewed July 2017
<b>Legend to abbreviations and Acronyms:</b>	NA = Not Applicable C = Celcuis

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**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".

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