



SAFETY DATA SHEET

SECTION 1 IDENTIFICATION: PRODUCT IDENTIFIER AND CHEMICAL IDENTITY

Product Identifier	TIMBER CLEANER (OXALIC ACID SOLUTION)
Other Names	Oxalic acid
Manufacturer's Product Code	16407
Recommended Use	Cleaning/bleaching of timber and timber stains. Rust stain remover

Details of Supplier/Manufacturer

Company:	Recochem Inc. ABN: 69 010 485 999
Address:	1809 Lytton Road, Lytton, Queensland 4178, Australia
Phone:	+617 3308 5200 Fax: +617 3308 5201
Website:	www.recochem.com.au

Details of Distributor

Company:	Owens Logistics
Address:	3-5 Kahu Street, Otahuhu, Auckland
Phone:	(09) 270 1310 Fax: (09) 270 1311

Emergency Telephone Numbers

Poisons Information:	0800 764 766
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SECTION 2 HAZARDS IDENTIFICATION

Hazardous chemical	<i>according to classification by Safe Work Australia</i>
Dangerous goods	<i>according to the Australian Code for the Transport of Dangerous Goods by Road and Rail</i>

Signal Word	WARNING
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GHS Classification	Pictogram	Hazard statement
Acute Toxicity - Oral, Category 4	 EXCLAMATION MARK	H302 Harmful if swallowed
Acute Toxicity - Dermal, Category 4		H312 Harmful in contact with skin

Product: TIMBER CLEANER (OXALIC ACID SOLUTION)

Precautionary statements:

<i>GENERAL</i>	P101 P102 P103	If medical advice is needed, have product container or label at hand Keep out of reach of children Read label before use
<i>PREVENTATIVE</i>	P264 P270 P280	Wash thoroughly after handling Do not eat drink or smoke when using this product Wear protective gloves/ protective clothing
<i>RESPONSE</i>	P301 + P312 P302 + P352 P312 P330 P363	IF SWALLOWED: Call a POISON CENTER or doctor/physician if you feel unwell IF ON SKIN: Wash with plenty of soap and water Call a POISON CENTER or doctor/physician if you feel unwell Rinse mouth Wash contaminated clothing before reuse
<i>DISPOSAL</i>	P501	Dispose of contents/container in accordance with local regulations

SECTION 3 COMPOSITION AND INFORMATION ON INGREDIENTS

Ingredients Names and Proportions

Chemical Entity	CAS Number	Proportion (%)
Oxalic Acid	144-62-7	< 15

SECTION 4 FIRST AID MEASURES

Description of necessary first aid measures

Inhalation:	Remove victim from exposure if safe to do so. If rapid recovery does not occur, transport to nearest medical facility for additional treatment.
Skin Contact:	If skin contact occurs, remove contaminated clothing and wash skin thoroughly with water and follow by washing with soap if available. Seek medical assistance if symptoms persist.
Eye Contact:	If in eyes, hold eyes open, flood with water for at least 15 minutes. Seek medical assistance if symptoms persist.
Ingestion:	If swallowed, do NOT induce vomiting. Seek immediate medical attention.

Symptoms caused by exposure

Inhalation:	May result in slight irritation to respiratory tract – coughing, dryness.
Skin:	May cause irritation – redness and itching. Prolonged contact may cause corrosive injury.
Eye:	A severe eye irritant, corrosive to eyes, may cause redness, swelling and/or blurred vision. Can result in permanent eye injury.
Ingestion:	Hazardous. Highly corrosive. Swallowing may cause severe burns of mouth, throat and stomach. Symptoms may include vomiting abdominal pain, collapse and possible convulsions.

Medical attention and special treatment

Treat symptomatically.

SECTION 5 FIRE FIGHTING MEASURES

Suitable extinguishing equipment

Non-combustible, not considered to be a significant fire risk.

Specific hazards arising from the chemical

None expected.

Special protective equipment and precautions for fire fighters

Wear protective clothing. Hazchem code 2X.

SECTION 6 ACCIDENTAL RELEASE MEASURES

Personal precautions, protective equipment and emergency procedures

Avoid contact with spilled or released material. Shut off leaks, if possible without personal risks. Isolate hazard area and deny entry to unnecessary or unprotected personnel.

Environmental precautions

Use appropriate containment to avoid environmental contamination. Prevent from spreading and entering waterway using sand, earth or other appropriate barriers. Ventilate contaminated area thoroughly.

Methods and materials for containment and cleaning up

For small spills (< 1 drum), dilute with water and mop up, or absorb with an inert dry material. Transfer to a labelled, sealable container for product recovery or safe disposal.

For larger spills (> 1 drum), absorb with an inert material, transfer by means such as a vacuum truck to a salvage tank for recovery or disposal. Retain as contaminated waste.

SECTION 7 HANDLING AND STORAGE

Precautions for safe handling

Avoid contact with eyes, skin and clothing. Do not ingest and avoid breathing mist. Wash thoroughly after handling. Handle open containers in well-ventilated area. Ensure that the workplace is ventilated such that the Occupational Exposure limit is not exceeded. Do not empty into drains. Do not eat, drink or smoke in contaminated areas. Before eating, drinking or smoking, remove contaminated clothing and wash hands.

Conditions for safe storage, including any incompatibilities

Do not store near strong oxidising agents and alkalis.

SECTION 8 EXPOSURE CONTROLS AND PERSONAL PROTECTION

Exposure control measures

From National Occupational Health & Safety Commission (NOHSC) Worksafe Australia - Oxalic Acid: 1mg/m³ TWA (8hr), 2 mg/m³ STEL.

Biological monitoring

No biological limit allocated.

Engineering controls

Ensure that adequate ventilation is provided. Avoid generating and inhaling mists and vapours. Keep containers closed when not in use.

Individual protection measures

Eye and face protection:	Wear safety goggles.
Skin protection:	Use solvent resistant gloves, nitrile for longer term protection or PVC and neoprene for incidental splashes.
Respiratory protection:	If inhalation risk exists an approved organic vapour respirator (AS/NZS 1715 and 1716) should be worn.
Thermal hazards:	Not applicable.

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SECTION 9 PHYSICAL AND CHEMICAL PROPERTIES

Appearance:	Clear liquid
Odour:	Data not available
Odour threshold (ppm):	Data not available
pH:	2 (approx.)
Melting point/freezing point (°C):	0 (approx.)
Initial boiling point and boiling range (°C):	100 (approx.)
Flash point (°C):	Data not available
Evaporation rate (Butyl acetate = 1):	Data not available
Flammability:	Non-combustible
Upper/lower flammability or explosive limits (%):	Data not available
Vapour pressure (mbar @ 20°C):	Data not available
Vapour density (air = 1, @ 20°C):	Data not available
Density (g/ml):	1.06
Solubility:	Soluble in water
Partition coefficient: n-octanol/water:	Data not available
Auto-ignition temperature (°C):	Data not available
Decomposition temperature (°C):	Data not available
Kinematic viscosity (mm ² /s @ 20°C):	Data not available

SECTION 10 STABILITY AND REACTIVITY

Reactivity

Stable under normal conditions of use.

Chemical stability

Stable under normal conditions of use.

Possibility of hazardous reactions

Stable under normal conditions of use.

Conditions to avoid

No additional remark.

Incompatible materials

May react vigorously with alkalis, alkali metals and oxidising agents.

Hazardous decomposition products

May evolve oxides of carbon.

SECTION 11 TOXICOLOGICAL INFORMATION

Acute toxicity:	Oxalic acid is highly corrosive. Oral LD50 (rat): 475mg/kg Dermal LD50 (rabbit): 2000mg/kg
Skin corrosion/irritation:	Irritant.
Serious eye damage/irritation:	Severe irritant.
Respiratory or skin sensitisation:	Not expected to be a sensitiser
Germ cell mutagenicity:	Not expected to be a mutagen
Carcinogenicity:	Not expected to be a carcinogen
Reproductive toxicity:	Not expected to impair fertility
Specific Target Organ Toxicity (STOT) – single exposure:	Data not available.
Specific Target Organ Toxicity (STOT) – repeated exposure:	Data not available.
Aspiration hazard:	Not considered an aspiration hazard

SECTION 12 ECOLOGICAL INFORMATION

Ecotoxicity

Acute toxicity:

Fish –	Data not available
Aquatic invertebrate –	Data not available
Algae –	Data not available
Microorganisms –	Data not available

Chronic toxicity:

Fish –	Data not available
Aquatic invertebrate –	Data not available
Algae –	Data not available
Microorganisms –	Data not available

Persistence and degradability

Biodegradable.

Bioaccumulative potential

Data not available.

Mobility in soil

Miscible with water.

Other adverse effects

Data not available.

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SECTION 13 DISPOSAL CONSIDERATIONS

Ensure waste disposal conforms to local waste disposal regulations.

SECTION 14 TRANSPORT INFORMATION

UN number:	1760
Proper shipping name:	CORROSIVE LIQUID, N.O.S.
Australian Dangerous Goods class:	8
Australian Dangerous Goods packing group:	III
Hazchem code:	2X

SECTION 15 REGULATORY INFORMATION

Standard for the Uniform Scheduling of Medicines and Poisons (SUSMP), Poisons Schedule:	6
Australian Inventory of Chemical Substances (AICS):	Listed
Dangerous Goods Initial Emergency Response Guide (SAA/SNZ HB76):	37
New Zealand HSNO, Classification:	HSR002710 Classification - 6.1D (oral, dermal, inhalation), 6.8C, 6.9B (dermal), 8.1A, 8.2C, 8.3A, 9.3B

SECTION 16 OTHER INFORMATION

Date of preparation:	23/07/2015
Revision number:	2
Changes in this revision:	Update to GHS SDS standard

This MSDS summarises product safety information at the date of issue, to the best of our knowledge, as a general guide. Recochem cannot anticipate or control the conditions under which the product is used, so prior to usage each user must assess and control the risks associated with their use of the product. Users should also consult the relevant legislation governing the use and storage of this product. We make no warranties, express or implied, and assume no liability in connection with any use of information contained within this document. If clarification or further information is needed, the user should contact Recochem on +617 3308 5200.
