



SAFETY DATA SHEET

SECTION 1 IDENTIFICATION: PRODUCT IDENTIFIER AND CHEMICAL IDENTITY

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| 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 |
| Phone: | (07) 3308 5200 Fax: (07) 3308 5201 |
| Website: | www.recochem.com.au |



Emergency Telephone Numbers

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|----------------------|---|
| Business Hours: | (07) 3308 5200 |
| After Hours: | 1300 131 001 |
| Poisons Information: | Australia: 13 11 26 New Zealand: 0800 764 766 |

SECTION 2 HAZARDS IDENTIFICATION

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| 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> |

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| Signal Word | WARNING |
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| GHS Classification | Pictogram | Hazard statement |
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| Acute Toxicity - Oral, Category 4 |  EXCLAMATION MARK | H302 Harmful if swallowed |
| Acute Toxicity - Dermal, Category 4 | | H312 Harmful in contact with skin |
| Skin Corrosion/Irritation, Category 1B |  CORROSION | H312 Causes severe skin burns and eye damage |

Product: TIMBER CLEANER (OXALIC ACID SOLUTION)

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| Specific Target Organ Toxicity (Repeated Exposure), Category 2 |  HEALTH HAZARD | H373 May cause damage to kidneys through prolonged or repeated exposure |
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Precautionary statements:

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| GENERAL 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 |
| PREVENTATIVE P260 P264 P270 P280 | Do not breath dusts or mists Wash thoroughly after handling Do not eat drink or smoke when using this product Wear protective gloves/ protective clothing |
| RESPONSE P301 + P312 P301+330+331 P302 + P352 P303+361+353 P304+340 P305+351+338 P310 P312 P314 P330 P363 | IF SWALLOWED: Call a POISON CENTER or doctor/physician if you feel unwell IF SWALLOWED: Rinse mouth. Do NOT induce vomiting IF ON SKIN: Wash with plenty of soap and water IF ON SKIN (or hair): Remove/Take off immediately all contaminated clothing. Rinse skin with water/shower IF INHALED: Remove victim to fresh air and keep at rest in a position comfortable for breathing IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing Immediately call a POISON CENTER or doctor/physician Call a POISON CENTER or doctor/physician if you feel unwell Get medical advice/attention if you feel unwell Rinse mouth Wash contaminated clothing before reuse |
| STORAGE P405 | Store locked up |
| DISPOSAL 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**

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| 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. |

Product: TIMBER CLEANER (OXALIC ACID SOLUTION)

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| 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

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| 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 -

Product: TIMBER CLEANER (OXALIC ACID SOLUTION)

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

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| 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. |

SECTION 9 PHYSICAL AND CHEMICAL PROPERTIES

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|---|--------------------|
| 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.

Product: TIMBER CLEANER (OXALIC ACID SOLUTION)

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

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| 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:

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

Chronic toxicity:

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

Persistence and degradability

Product: TIMBER CLEANER (OXALIC ACID SOLUTION)

Biodegradable.

Bioaccumulative potential

Data not available.

Mobility in soil

Miscible with water.

Other adverse effects

Data not available.

SECTION 13 DISPOSAL CONSIDERATIONS

Ensure waste disposal conforms to local waste disposal regulations.

SECTION 14 TRANSPORT INFORMATION

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|--|--------------------------|
| 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

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| 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 |

SECTION 16 OTHER INFORMATION

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|----------------------------------|-------------------------------|
| Date of preparation: | 8/07/2020 |
| Revision number: | 5 |
| Changes in this revision: | Reviewed at expiry and update |

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 (07) 3308 5200.
