

## SAFETY DATA SHEET

### 1. IDENTIFICATION OF THE MATERIAL AND SUPPLIER

**Product name:** OXALIC ACID POWDER

**Other names:** None

**Recommended use:** Acidic cleaner/descaler.

**Supplier:** TENARU Timber & Finishes

**Address:** Unit 9 & 10 Edgar Street  
Condell Park NSW 2200

**Telephone:** +61 29771 1067 (8am-5pm, Monday – Friday)

**Emergency telephone:** +61 29771 1067 (8am-5pm, Monday – Friday)  
Poisons Information Centre 131126

### 2. HAZARDS IDENTIFICATION

**Hazard classification:**

Classified as hazardous according to Safe Work Australia's GHS Criteria.  
Not classified as Dangerous Goods according to the Australian Dangerous Goods Code for Road & Rail.



**Hazard Classification:** Eye Damage – Category 1  
Acute Toxicity (Oral) - Category 4  
Acute Toxicity (Dermal) - Category 4

**Signal Word:** DANGER

**Hazard Statement(s):** Causes serious eye damage. Harmful if swallowed. Harmful in contact with skin.

**Precautionary Statement(s):**

**Prevention:** Wear protective gloves and eye protection.  
Do not eat, drink or smoke when using this product.

**Response:** 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 CENTRE or doctor.  
IF ON SKIN: Wash with plenty of water. Take off contaminated clothing and wash it before reuse.

**Disposal:** Dispose of contents/container in accordance with local waste management regulations.

**Poisons Schedule (Australia):** S6

### 3. COMPOSITION/INFORMATION ON INGREDIENTS

#### MIXTURE

Chemical identity:	CAS No.	Proportion (% w/w)
Oxalic Acid	6153-56-6	>90

### 4. FIRST AID MEASURES

**FOR ADVICE CONTACT A POISONS INFORMATION CENTRE (phone 131126) OR A DOCTOR AT ONCE. NEVER GIVE ANYTHING BY MOUTH TO A SEMI-CONSCIOUS OR UNCONSCIOUS PERSON.**

Eyewash, barrier cream and fresh running water should be provided in the immediate work area.

**Ingestion:** IF SWALLOWED: Rinse mouth, then drink plenty of water. Do NOT induce vomiting. Call a Poison Centre or doctor for advice. Never give anything by mouth to an unconscious person.

**Eye contact:** IF IN EYES: Immediately flush eyes continuously with running water for several minutes, holding eyelids open and occasionally lifting the upper and lower lids. Immediately call a Poison Centre or doctor for advice. Remove contact lenses if present and easy to do. Continue flushing until advised to stop by a Poison Information Centre or a doctor, or for at least 15 minutes.

**Skin contact:** Remove contaminated clothing, including footwear. Wash skin thoroughly with fresh running water. Launder contaminated clothing before re-use. Seek medical attention if irritation persists.

**Inhalation:** IF INHALED: Remove victim to fresh air and keep at rest in a position comfortable for breathing. Get medical advice. Apply resuscitation if victim is not breathing - Administer oxygen if breathing is difficult.

**Medical attention and special treatment:** Treat symptomatically and according to patient distress and observations.

### 5. FIRE FIGHTING MEASURES

**Suitable extinguishing media:** Not flammable but if involved in a large fire use water spray, foam, dry chemical or carbon dioxide as appropriate to surrounding fire conditions.

**Hazards from combustion products:** Fire may produce toxic fumes and acrid smoke.

**Precautions for fire fighters and special protective equipment:** Prevent run off or dilution water from entering drains, waterways and sewers. Fire fighters to wear self-contained breathing apparatus as well as structural fire fighters uniform if there is a risk of exposure to combustion products.

**Hazchem Code:** Not applicable

### 6. ACCIDENTAL RELEASE MEASURES

**Emergency procedures:** Not applicable

**Methods and materials for containment and clean up procedures:** Ensure adequate ventilation. ELIMINATE all ignition sources. Do not touch or walk through spilled material. Avoid generating dust. Avoid breathing dust and contact with eyes, skin and clothing. Collect material (sweep or vacuum up) and place into suitable containers for later disposal (see SECTION 13). Avoid dispersal of dust in the air (i.e. clearing dusty surfaces with compressed air). Non-sparking tools should be used.

## 7. HANDLING AND STORAGE

**Precautions for safe handling:** Ensure workplace is well ventilated. DO NOT allow clothing wet with product to stay in contact with skin. Avoid eye and skin contact and inhalation of dust. When handling do not eat, drink or smoke. Wash contaminated clothing and protective equipment before storage or re-use. Always wash hands with soap and water before eating, drinking, smoking or using the toilet. Avoid generating dust.

**Conditions for safe storage:** Not classified as a Dangerous Good. Store away from food, drink and animal foodstuffs in a cool, dry, well-ventilated place. Keep containers securely closed. Check containers regularly for clear labelling, damage and freedom from leaks.

## 8. EXPOSURE CONTROLS/PERSONAL PROTECTION

**National exposure standards:** Oxalic acid (CAS No. 144-62-7):

- Safe Work Australia (SWA) Exposure Standard: TWA = 1 mg/m<sup>3</sup>; STEL = 2 mg/m<sup>3</sup>.

**Biological limit values:** No biological limit allocated for this product.

**Engineering controls:** Use in a well-ventilated area. Avoid generating and breathing in dusts. Respiratory protection is not normally needed, but if dust levels are above exposure limits wear an approved particulate filter respirator complying with AS/NZ 1715 and 1716.

**Personal protective equipment:** Wear impervious gloves (PVC, nitrile or butyl rubber, neoprene), protective glasses and respiratory protection (if deemed necessary).

## 9. PHYSICAL AND CHEMICAL PROPERTIES

<b>Form/Colour/Odour:</b>	White crystalline powder with no odour
<b>pH:</b>	0.7 (5% solution)
<b>Vapour pressure:</b>	Not applicable
<b>Vapour density:</b>	Not applicable
<b>Boiling point/range:</b>	Not applicable
<b>Solubility in water:</b>	10.8% @ 25°C
<b>Specific gravity:</b>	0.813
<b>Flash point:</b>	Non-flammable
<b>Flammability limits:</b>	Not applicable
<b>Ignition temperature:</b>	Not applicable

## 10. STABILITY AND REACTIVITY

**Chemical stability:** Stable under normal conditions of use, storage and handling.

**Conditions to avoid:** Avoid generating dust. Avoid exposure to air and moisture. Keep away from heat and sources of ignition.

**Incompatible materials:** Incompatible/reactive with alkalis, alkaline solutions, ammonia, acid chlorides, halogenates, oxidising agents, metals.

**Hazardous decomposition products:** Fire or heat will produce irritating, toxic and/or corrosive gases, including Carbon monoxide, Carbon dioxide, and Formic acid.

**Hazardous reactions:** Hazardous polymerisation will not occur.

## 11. TOXICOLOGICAL INFORMATION

No adverse health effects expected if the product is handled in accordance with this Safety Data Sheet. Symptoms that may arise if the product is mishandled are:

### **Acute Effects.**

**Swallowed:** Harmful if swallowed. Corrosive on ingestion; May cause effects on Calcium balance. Signs of toxicity include nausea and vomiting, headaches, abdominal pain, diarrhoea, bloody stool, numbness and tingling of fingers and toes, muscular irritability, tetany, convulsions, shock, cardiac irregularities and circulatory collapse.

**Eye contact:** May cause serious eye damage. May cause burns and permanent damage.

**Skin contact:** Prolonged or repeated contact may cause irritation, defatting and drying leading to irritant contact dermatitis.

**Inhalation:** May cause irritation to mouth, nose, and upper respiratory tract and may result in headache, coughing, sneezing and breathing difficulty.

**Long Term Effects:** No information available for this product.

## 12. ECOLOGICAL INFORMATION

Avoid contaminating waterways.

**Ecotoxicity:** Expected to be harmful to aquatic species.

**Persistence/degradability:** Readily Biodegradable.

**Mobility:** No information available for this product.

## 13. DISPOSAL CONSIDERATIONS

**Disposal methods:** Avoid unauthorised discharge into drain, waterways and sewers.

**Special precautions for landfill or incineration:** Ensure product and container disposal conforms to local waste control regulations and that containers are suitably closed and labelled. Consult an approved agent if advised by the local authority, Supply approved agent with a copy of this Safety Data Sheet.

#### 14. TRANSPORT INFORMATION

##### Road and Rail Transport.

Not classified as a Dangerous Good by the criteria of the Australian Dangerous Goods Code for the Transport by Road and Rail.

**UN Number:** None allocated

**Proper Shipping Name:** Not applicable

**Class and Subsidiary Risk (s):** Not applicable

**Packing Group:** Not applicable

**Hazchem Code:** Not applicable

#### 15. REGULATORY INFORMATION

**Poisons Schedule (Australia):** S6

**AICS:** All ingredients are listed.

#### 16. OTHER INFORMATION

**Reason(s) for issue:** New product

**References:** Supplier Safety Data Sheets for chemical identities.

##### Safe Work Australia (SWA)

- SWA. Preparation of Safety Data Sheets for Hazardous Chemicals Code of Practice
- SWA. Hazardous Chemicals Information System
- SWA. Guidance on the Classification of Hazardous Chemicals under the WHS Regulations. Implementation of the Globally Harmonised System of Classification and Labelling of Chemicals

**National Road Transport Commission.** Australian Code for the Transport of Dangerous Goods by Road and Rail.

This Safety Data Sheet 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 we cannot anticipate or control the conditions under which the product may be used, each user must, prior to usage, review this Safety Data Sheet 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.

End of Safety Data Sheet.