

SAFETY DATA SHEET (SDS)

Product: Oxalic Acid

Supplier: Buzzbee International Pty Ltd

Version: 1.0

Issue Date: January 2026

Prepared in Accordance With: Safe Work Australia WHS Regulations & GHS



SECTION 1 – IDENTIFICATION

Product Identifier: Oxalic Acid

Chemical Name: Ethanedioic Acid

Synonyms: Oxalic Acid, Oxalic Acid Dihydrate

CAS Number: 144-62-7

Recommended Uses: Industrial cleaning, rust and stain removal, laboratory reagent

Uses Advised Against: Food, feed, pharmaceutical, or veterinary use

Supplier Contact:

Buzzbee International Pty Ltd

2/11 Nicole Close,

Bayswater North, VIC, 3153, Australia

Phone: +61 3 91 400 900

Emergency Contact (24 hr): 131126

This information relates only to the specific material designated and may not be valid for such material used in combination with any other materials or in any process. Such information is, to the best of the company's knowledge and belief, accurate and reliable as of the date indicated. However, no warranty, guarantee or representation is made to its accuracy, reliability or completeness. It is the user's responsibility to satisfy themselves as to the suitability of such information for his own particular use.

SECTION 2 – HAZARD IDENTIFICATION

GHS Classification (Australia):

- Acute Toxicity (Oral) – Category 4
- Acute Toxicity (Dermal) – Category 4
- Skin Corrosion – Category 1B
- Serious Eye Damage – Category 1
- Specific Target Organ Toxicity (Repeated Exposure) – Category 2

Signal Word: DANGER

GHS Pictograms:

-  GHS05 – Corrosion
-  GHS06 – Acute Toxicity
-  GHS08 – Health Hazard

Hazard Statements:

- H302: Harmful if swallowed
- H312: Harmful in contact with skin
- H314: Causes severe skin burns and eye damage
- H373: May cause damage to organs through prolonged or repeated exposure
- AUH071: Corrosive to the respiratory tract

Precautionary Statements:

- **Prevention:**
 - P260: Do not breathe dust/fume/mist
 - P264: Wash hands thoroughly after handling
 - P270: Do not eat, drink or smoke when using this product
 - P280: Wear protective gloves, clothing, eye and face protection
- **Response:**
 - P301 + P312: IF SWALLOWED: Call a POISON CENTRE or doctor if unwell
 - P302 + P352: IF ON SKIN: Wash with plenty of water
 - P305 + P351 + P338: IF IN EYES: Rinse cautiously with water for several minutes
 - P310: Immediately call a POISON CENTRE or doctor
- **Storage:**
 - P405: Store locked up

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- **Disposal:**
 - P501: Dispose of contents/container in accordance with local regulations

SECTION 3 – COMPOSITION / INFORMATION ON INGREDIENTS

Ingredient CAS No. Concentration

Oxalic Acid 144-62-7 ≥ 99%

SECTION 4 – FIRST AID MEASURES

Inhalation: Remove to fresh air. Seek medical attention if symptoms persist.

Skin Contact: Remove contaminated clothing. Rinse skin with water for at least 15 minutes. Seek medical advice.

Eye Contact: Flush eyes immediately with clean running water for at least 15 minutes. Seek urgent medical attention.

Ingestion: Rinse mouth. Do **not** induce vomiting. Seek immediate medical attention.

Symptoms: Severe burns, irritation, nausea, vomiting, breathing difficulty.

SECTION 5 – FIRE FIGHTING MEASURES

Suitable Extinguishing Media: Water spray, dry chemical, foam, or carbon dioxide.

Hazards from Combustion: May emit toxic fumes including carbon oxides.

Protective Equipment: Self-contained breathing apparatus and full protective clothing.

SECTION 6 – ACCIDENTAL RELEASE MEASURES

Personal Precautions: Evacuate area if necessary. Wear full PPE including gloves, eye protection, and respirator.

Environmental Precautions: Prevent entry into waterways, drains, and soil.

Cleanup Methods: Sweep or vacuum up material. Place in sealed, labelled container for disposal.

SECTION 7 – HANDLING AND STORAGE

Handling: Avoid contact with skin, eyes, and clothing. Use in well-ventilated areas.

Storage: Store in a cool, dry, well-ventilated area away from incompatible materials such as alkalis and oxidisers.

SECTION 8 – EXPOSURE CONTROLS / PERSONAL PROTECTION

Exposure Standard (Australia): Oxalic Acid – TWA: 1 mg/m³

Engineering Controls: Provide local exhaust ventilation if necessary.

PPE:

- Respiratory: Approved particulate respirator
 - Eyes: Chemical safety goggles / face shield
 - Skin: Acid-resistant gloves and protective clothing
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SECTION 9 – PHYSICAL AND CHEMICAL PROPERTIES

- Appearance: White crystalline solid
 - Odour: Odourless
 - pH: Strongly acidic
 - Melting Point: ~101°C
 - Solubility: Soluble in water
 - Flash Point: Not applicable
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SECTION 10 – STABILITY AND REACTIVITY

Stability: Stable under normal conditions

Incompatible Materials: Alkalis, oxidising agents, metals

Hazardous Decomposition: Carbon oxides, formic acid

SECTION 11 – TOXICOLOGICAL INFORMATION

Acute Toxicity: Harmful if swallowed or absorbed through skin

Corrosive: Causes severe skin burns and eye damage

Chronic Exposure: May cause kidney damage, respiratory irritation

SECTION 12 – ECOLOGICAL INFORMATION

Harmful to aquatic organisms. Avoid uncontrolled release into the environment.

SECTION 13 – DISPOSAL CONSIDERATIONS

Dispose of contents and containers in accordance with local, state, and federal environmental regulations.

SECTION 14 – TRANSPORT INFORMATION

Not classified as Dangerous Goods under the Australian Dangerous Goods (ADG) Code for solid form. Solutions may have separate classification; confirm concentration before transport.

SECTION 15 – REGULATORY INFORMATION

- Listed on AICS
 - Classified as a Hazardous Chemical under WHS Regulations
 - GHS Classification applies
 - Poisons Schedule: Confirm in SUSMP for current scheduling
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SECTION 16 – OTHER INFORMATION

This SDS is based on current data and Australian regulations. Users must ensure suitability for their specific application. Review periodically and update for changes in regulations, concentrations, or hazards.

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