



SAFETY DATA SHEET

Rust Removal Strips

Oxalic Acid Impregnated Cellulose Strips

SECTION 1 - IDENTIFICATION

Product name	Mighty Surface Treatments Rust Removal Strips
Formulation	Oxalic Acid Dihydrate / Glycerine Solution embedded in cellulose strips.
Chemical formulation	$C_2H_2O_4 \cdot 2H_2O$
Recommended use	Derusting, brightening and polishing metals including iron, steel, copper, brass and aluminium.
Restrictions on use	Do not use on coated, painted, anodised or sealed surfaces. Test on a discreet area before full application.
Supplier	Mighty Surface Treatments
Address	5/222 Wisemans Ferry Rd, Somersby NSW 2250
Phone	0403 962 964
Website	www.mightytreatments.com.au
Emergency contact	Poisons Information Centre Australia: 13 11 26 New Zealand: 0800 764 766
Issue Date	13 th June 2026

SECTION 2 - HAZARD IDENTIFICATION

Important status	PROVISIONAL CLASSIFICATION ONLY - subject to laboratory testing and specialist SDS verification.
GHS classification	Acute Toxicity (Oral), Category 4 Skin Irritation, Category 2 Eye Irritation, Category 2A
Signal word	WARNING
Pictogram	
Hazard statements	H302 Harmful if swallowed. H315 Causes skin irritation. H319 Causes serious eye irritation.

Precautionary statements:

- P264 Wash thoroughly after handling.
P270 Do not eat, drink or smoke when using this product.
P280 Wear protective gloves and eye protection.
P301+P312 IF SWALLOWED: Call a POISON CENTER/doctor if you feel unwell.
P330 Rinse mouth.
P302+P352 IF ON SKIN: Wash with plenty of water.
P305+P351+P338 IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses if present and easy to do. Continue rinsing.
P337+P313 If eye irritation persists, get medical advice/attention.
P501 Dispose of contents/container in accordance with local regulations.

SECTION 3 - COMPOSITION / INFORMATION ON INGREDIENTS

Ingredient	CAS No.	Concentration in impregnating solution	Amount per 23 g strip	Function
Oxalic Acid Dihydrate	6153-56-6	Approx. 40% w/w	Approx. 9.2 g	Active rust removal ingredient
Glycerine / Glycerol	56-81-5	Approx. 60% w/w	Approx. 13.8 g	Carrier / humectant
Cellulose strip	Not applicable	Substrate	Not determined	Impregnated carrier

Calculation: 23 g impregnating solution per strip x 40% w/w oxalic acid dihydrate = approximately 9.2 g oxalic acid dihydrate per strip.

SECTION 4 - FIRST AID MEASURES

If swallowed: Rinse mouth. Do not induce vomiting. Contact a doctor or Poisons Information Centre if unwell.

If on skin: Remove contaminated clothing and wash skin with water. Seek medical advice if irritation occurs.

If in eyes: Rinse cautiously with water for several minutes. Remove contact lenses if present and easy to do. Continue rinsing. Seek medical attention if irritation persists.

If inhaled: Move to fresh air and keep comfortable. Seek medical advice if symptoms persist.

Advice to doctor: Treat symptomatically.

SECTION 5 - FIRE FIGHTING MEASURES

Suitable extinguishing media: Water spray, foam, dry chemical or carbon dioxide as appropriate for surrounding fire.

Specific hazards: Product is not expected to be flammable under normal conditions. Thermal decomposition may produce carbon oxides and irritating fumes.

Protective equipment: Firefighters should wear self-contained breathing apparatus where appropriate.

SECTION 6 - ACCIDENTAL RELEASE MEASURES

Personal precautions: Wear gloves and eye protection. Avoid contact with skin and eyes.

Environmental precautions: Do not allow residues to enter drains, sewers or waterways.

Clean-up method: Collect strips and place into suitable labelled waste container for disposal according to local regulations.

SECTION 7 - HANDLING AND STORAGE

Handling: Read label and SDS before use.

Wear protective gloves and eye protection.

Use in a well-ventilated area.

Wash hands after handling.

Storage: Store in original sealed packaging.

Keep container tightly closed when not in use.

Keep out of direct sunlight.

Store between 15°C and 25°C.

Keep out of reach of children.

Keep away from foodstuffs and animal feed.

SECTION 8 - EXPOSURE CONTROLS / PERSONAL PROTECTION

Exposure standards: No product-specific exposure standard established for the finished strip. Refer to applicable workplace exposure standards for individual components where relevant.

Engineering controls: Use in a well-ventilated area.

Eye protection: Safety glasses or chemical splash goggles recommended.

Hand protection: Chemical resistant gloves recommended.

Hygiene: Wash hands thoroughly after use. Do not eat, drink or smoke while handling.

SECTION 9 - PHYSICAL AND CHEMICAL PROPERTIES

Appearance: Cellulose strips impregnated with acidic solution.
Colour: Off-white to light tan strip; clear to pale impregnating solution.
Odour: Mild / characteristic.
pH: To be determined by testing.
Melting point / freezing point: Not applicable to finished strip.
Boiling point: Not applicable to finished strip.
Flash point: Expected >200°C for glycerine-containing impregnating solution; to be verified.
Solubility: Oxalic acid and glycerine are water soluble.
Density: Not applicable to finished strip.
VOC: Not determined.

SECTION 10 - STABILITY AND REACTIVITY

Reactivity: Acidic product. May react with strong alkalis, strong oxidisers and incompatible metals under some conditions.
Chemical stability: Stable under recommended storage conditions.
Conditions to avoid: Heat, direct sunlight, damaged packaging, contamination and incompatible materials.
Incompatible materials: Strong oxidising agents, strong alkalis and materials sensitive to acidic conditions.
Hazardous decomposition products: Carbon oxides and irritating fumes may form during thermal decomposition.

SECTION 11 - TOXICOLOGICAL INFORMATION

Likely routes of exposure: Skin contact, eye contact and accidental ingestion.
Acute toxicity: Oxalic acid oral LD50 rat approximately 375 mg/kg.
Mixture: ATE oral estimate approximately 938 mg/kg based on 40% w/w oxalic acid dihydrate.
Skin: May cause skin irritation.
Eyes: May cause serious eye irritation.
Ingestion: Harmful if swallowed. May cause gastrointestinal irritation.
Chronic effects: Not determined for finished strip.

SECTION 12 - ECOLOGICAL INFORMATION

Ecotoxicity: Not determined for finished product. Oxalic acid may be harmful to aquatic organisms at sufficient concentration.
Persistence and degradability: Components are expected to be biodegradable.
Bioaccumulative potential: Bioaccumulation is not expected for oxalic acid or glycerine.
Mobility: Water-soluble components may be mobile in soil and water.
Environmental protection: Prevent uncontrolled release to waterways.

SECTION 13 - DISPOSAL CONSIDERATIONS

Dispose of used strips and packaging in accordance with local, state and national requirements.
Do not reuse strips or packaging.
Do not dispose down drains or into waterways.
Empty packaging may retain residue and should be handled with the same precautions as the product.

SECTION 14 - TRANSPORT INFORMATION

UN number: Not allocated.
Proper shipping name: Not applicable.
Transport hazard class: Not applicable.
Packing group: Not applicable.
ADG: Product is not regulated as Dangerous Goods for road/rail transport.
IATA: Product is not regulated under IATA transport standards.
IMDG: Product is not regulated under IMDG transport standards.

SECTION 15 - REGULATORY INFORMATION

Australian Inventory of Industrial Chemicals: Oxalic acid dihydrate CAS 6153-56-6 and glycerine/glycerol CAS 56-81-5.

Workplace hazardous chemical status: Classified as a hazardous chemical under the Australian WHS framework based on the following GHS classification: Acute Toxicity (Oral) Category 4, Skin Irritation Category 2, Eye Irritation Category 2A. Signal word: **WARNING**. Pictogram: GHS07 Exclamation Mark. Hazard statements: H302, H315, H319.

Australia uses GHS 7 for newly manufactured and imported hazardous chemicals.

Poisons Standard / SUSMP: Schedule 6 – Poison. Product should be labelled, packaged, stored and supplied in accordance with applicable SUSMP and State/Territory poisons requirements. The SUSMP signal heading **POISON** should be used on the product label where required.

Dangerous Goods / ADG Code: This product is treated as not regulated as Dangerous Goods for transport by road or rail under the ADG Code, based on current classification information.

IATA / IMDG: This product is treated as not regulated under IATA or IMDG transport standards, based on current classification information.

Regulatory restrictions / use notes: Industrial surface treatment product. For de-rusting, brightening and polishing iron, steel, copper, brass and aluminium. Do not use on coated, painted, anodised or sealed surfaces. Not intended for food-contact surfaces, therapeutic use, veterinary use or pesticide use.

REVISION HISTORY

Revision	Date	Author	Description
V1	June 2026	Mighty Surface Treatments	Professional Rust Removal Strip SDS.