

Material Safety Data Sheet

1. Product and Company Identification

Product Name: WAO Timber Restoration Agent
Trade Name: WAO
Revision Date: 12/07/2007
Company Name: Chemisys Australia Pty Ltd
A.C.N. 096 578 013
Address: P. O. Box 3604
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Hazardous according to the criteria of Worksafe Australia

2. Composition/Information on Ingredients

Ingredients considered hazardous according to the criteria of Worksafe Australia:

Chemical Name	CAS #	Proportion	EU Classification
Ethanedioic Acid	[144-62-7]	10-<30%	Xn; R21/22

Ingredients determined not to be hazardous to 100%

Notes on EU Symbols: Xn Harmful

3. Hazards Identification

Harmful in contact with skin
Harmful if swallowed

4. First Aid Measures

Eyes:

Immediately flush eyes with plenty of water for at least 15 minutes holding eyelids apart to ensure flushing of the entire eye surface. Seek medical attention as soon as possible.

Ingestion:

DO NOT induce vomiting. If vomiting occurs spontaneously, keep airway clear. Seek medical attention IMMEDIATELY. NEVER induce vomiting or give anything by mouth to an unconscious patient.

Inhalation:

Remove victim to fresh air. Persons administering first aid to overexposure victims should carefully wash off any visible product from the victims face. Do not give anything by mouth to an unconscious person. If not breathing, give artificial respiration, preferably mouth-to-mouth. If breathing is difficult administer oxygen. Get medical attention IMMEDIATELY.

Skin:

Wash with plenty of soap and water. Remove contaminated clothing and footwear. Wash clothing and contaminated footwear before reuse. Seek medical attention if irritation persists.

Note to doctor:

Treat symptomatically.

5. Fire-Fighting Measures

Flash Point: Not Applicable

Extinguisher Media: Not Applicable

Unusual Fire and Explosion Hazards: Reacts with strong oxidising materials

Special Protective Equipment: Not Applicable

Combustion Products: Not Applicable

6. Accidental Release Measures

Steps to be taken if material is released or spilled:

Wear appropriate protective clothing. Eliminate all ignition sources. Restrict access to contaminated area. Stop spill at source. Dike to prevent spreading. Collect free liquid into a recovery vessel. Absorb remainder with sand or clay and place in a properly labelled waste receptacle. Follow all government and local body regulations for disposal. Do not contaminate water while cleaning equipment or disposing of wastes. Prohibit contamination of streams, lakes and other bodies of water.

Container Disposal:

DO NOT reuse container. Dispose of safely.

7. Handling and Storage

Handling:

Avoid contact with skin and eyes. Handle in accordance with good industrial hygiene and safety practises. Wash hands thoroughly after contact.

Storage:

Store in a cool, dry place out of reach of children.

8. Exposure Controls/Personal Protection

Ventilation Requirements:

Ventilate via mechanical methods (general or local exhaust) to maintain exposure below 5mg/m³. Good industrial hygiene practise dictates that indoor work areas should be isolated and provided with adequate local exhaust ventilation.

Respiratory Protection:

None normally required if good ventilation is maintained. If mist is generated during application process, use a disposable mist respirator.

Eye Protection:

If accidental eye contact is possible then wear goggles or a face visor.

Skin Protection:

This product is corrosive to tissue. Unnecessary skin contact should be avoided and good personal hygiene practises observed. If skin contact is anticipated then protective clothing including impervious gloves should be worn.

9. Physical and Chemical Properties

Appearance:	Semi-transparent liquid
Odour:	Odourless
PH Range:	1.5 - 3.5
Specific Gravity:	1.05 @ 20 degrees Celsius
Solubility in Water:	Complete
Flash Point:	Not Applicable

10. Stability and Reactivity

Stability:	Products of this type are stable and unlikely to react in a hazardous manner under normal conditions.
Incompatibility:	Strong Oxidising Agents, alkalies, chlorides and hypochlorites
Hazardous Decomposition Products:	CO ₂ & Formic Acid
Hazardous Polymerisation:	Will not occur

11. Toxicological Data

Oxalic acid is corrosive to tissue. When ingested it removes calcium from the blood. Kidney damage can be expected as the calcium is removed from the blood in the form of calcium oxalate. The calcium oxalate then obstructs the kidney tubules.

Eyes:

Can cause severe irritation, redness, tearing, and blurred vision. Can cause irreversible damage on prolonged contact.

Ingestion:

Can cause gastro-intestinal irritation, nausea, vomiting, and diarrhoea, kidney damage

Inhalation:

At normal ambient temperatures this product will be unlikely to present an inhalation hazard because of its low volatility. Can cause serious corrosive damage to the mouth, throat and stomach.

Skin:

Prolonged or repeated contact may result in itching, defatting, dermatitis or more serious irreversible skin disorders.

12. Ecological Information

This product is biodegradable in composition.

13. Disposal Considerations

Dispose of via an authorised person/licensed waste disposal contractor in accordance with local regulations.
Incineration may be carried out under controlled conditions provided that local regulations for emissions are met.
Dispose of product and container responsibly and carefully.
Do not dispose of near waterways, down drains or into soil.

14. Transport Information

Not classified as hazardous for transport (ADG, UN, IATA/ICAO)

15. Regulatory Information

Australian Classifications:

UN Number:	NA
HAZCHEM Code:	NA
Dangerous Goods Class	NA
Packaging Group:	NA
EC Labelling:	S24, S25, S2: Avoid contact with eyes and skin. Keep out of reach of children

16. Other Information

Compiled by:

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This data sheet and the health, safety and environmental information it contains is considered to be accurate as of the date specified. However no warranty or representation, expressed or implied is made as to the accuracy or completeness of the data and the information in this data sheet.

Health and safety precautions and environmental advice noted in this data sheet may not be accurate for all individuals and/or situations. It is the users obligation to evaluate and use this product safely and to comply with all applicable laws and regulations. The Chemisys Group shall not be responsible for any damage of injury resulting from abnormal use of this material, from any failure to adhere to recommendations or from any hazards inherent in the nature of the material.