

Material Safety Data Sheet

1. Product and Company Identification

Product Name: Way-2-Go Timber Restoration Agent
Trade Name: Way-2-Go
Revision Date: 11/05/2010
Company Name: Chemisys Ltd
Address: P. O. Box 40480
Glenfield
Auckland
New Zealand
Phone 09 4768603 Fax 09 4768605

Hazardous according to the criteria of HSNO and ERMA

Cleaning Products (Subsidiary Hazard) Group Standard 2006
HSNO Approval Number is HSR002530

2. Composition/Information on Ingredients

Hazardous according to the criteria of HSNO and ERMA

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

HSNO Classification of Mixture 6.1D

3. Hazards Identification

Harmful in contact with skin
Harmful if swallowed

HSNO Classification of Mixture 6.1D

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, viscous 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

Ethanedioic 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.

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

Ingestion:

Swallowing can result in a severe burning pain of the mouth, throat and stomach followed by profuse vomiting (sometimes bloody). Small doses of oxalate in the body can cause headache, pain and twitching in muscles, and cramps. Larger doses can cause weak and irregular heartbeat, drop in blood pressure and signs of heart failure. Large doses rapidly cause a shock-like state, convulsions, coma and possibly death.

Eye contact: A severe eye irritant. Contamination of eyes can result in permanent injury.

Skin contact: Contact with skin may result in irritation. Solutions of 5% to 10% ethanedioic acid are irritating to the skin after prolonged exposure and can cause corrosive injury.

Inhalation: Breathing in dust may result in respiratory irritation. Inhaled ethanedioic acid is readily absorbed into the body and may cause headaches and nausea. Provide sufficient ventilation to keep airborne levels below the exposure limits.

Long Term Effects:

Long term exposure can result in kidney stones and stone formation in the urinary tract.

RTECS:

RO2450000 CAS# 144-62-7 Ethanedioic/Oxalic Acid

Chronic Exposure:

May cause inflammation of the upper respiratory tract. Prolonged skin contact can cause dermatitis, cyanosis of the fingers and possible ulceration. May affect kidneys.

Aggravation of Pre-existing Conditions:

Persons with pre-existing skin disorders or eye problems, or impaired kidney or respiratory function may be more susceptible to the effects of the substance.

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

Poison Schedule:	6	POISON
------------------	---	--------

NZ Labelling:

The label must provide the following general information about the substance:

(a) the product name; and

(b) enough information to enable the New Zealand importer, supplier or

manufacturer to be contacted, either in person or by telephone; and

(c) a 24 hour emergency telephone number

(d) directions for use, including, where relevant, dilution rates and dose rates.

(e) the general precautionary statements-

Read label before use

Keep out of reach of children

Avoid contact with eyes and skin

Wash hands and skin thoroughly after handling with soap and water

Do not eat, drink or smoke when using this product.

(f) the following response statements-

If medical advice is needed, have product container or label at hand.

IF SWALLOWED: Call a POISON CENTER or doctor/physician if you feel unwell. Rinse mouth

IF ON SKIN: Wash with plenty of soap and water. Wash contaminated clothing before reuse.

IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses if present and easy to do so. Continue rinsing. If eye irritation persists, get medical advice/attention.

(g) The label must provide the following hazard information about the substance:

the signal word '**warning**';

the GHS pictogram warning explanation mark



the hazard statement '**Harmful if swallowed.**'

the hazard statement '**Harmful in contact with skin.**'

(h) Disposal Statement-- '**Dispose of via an authorised person/licensed waste disposal contractor in accordance with local regulations.**'

(i) The following composition information—

Chemical Name	CAS #	Proportion	EU Classification
Ethanedioic Acid	[144-62-7]	10-<30%	Xn; R21/22
Ingredients determined not to be hazardous		to 100%	

Other Statutory Requirements:**Material Safety Data Sheet Regulations for This Substance**

(1) A person, when selling or supplying this substance at any quantity shall provide a safety data sheet for this substance supplied to the recipient if—

- (a) the substance is likely to be used in a place of work; and
- (b) they have not previously supplied a safety data sheet for this substance to the recipient.

(2) In each place of work where this substance is manufactured, stored or used, the person in charge of the place must ensure that every person handling the substance has access to a safety data sheet for that substance.

(3) The safety data sheet must be available to a person handling this substance within 10 minutes, and be readily understandable by any fully trained worker required to have access to it.

(4) A person who manufactures or supplies this substance in New Zealand or imports this substance into New Zealand must, if asked to do so by any person in charge of a place of work where this substance is stored or used, give that person the required safety data sheet.

16. Other Information

References:

Supplier MSDS

<http://hsis.ascc.gov.au/>

RTECS

Compiled by:

Chemisys Ltd

P. O. Box 40480

Glenfield

Auckland

New Zealand

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 or 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.