



# MATERIAL SAFETY DATA SHEET

## Wood Brightener

Product Number(s): 16161  
Manufacturer: Daly's Wood Finishing Products  
3525 Stone Way North  
Seattle, WA 98103

HMIS Information  
Health 2  
Flammability 0  
Reactivity 1

Emergency Telephone Number:  
Chemtel (24 Hour): 800-255-3924

Preparer's Name: H. Paulson  
Date Prepared: 10/27/00  
Date Reviewed: 08/07/03

### SECTION I - PRODUCT IDENTITY

**Chemical Name:** Oxalic Acid/Water Mixture **Chemical Formula:** N/A Product is a Mixture.  
**Shipping Classification:** Ground: ORM-D  
Air & Marine: Corrosive Liquid, n.o.s., (Oxalic Acid), UN1760, Class 8, PGIII

### SECTION II - HAZARDOUS INGREDIENTS

Chemical & Common Name:	CAS Number:	Wt. %:	OSHA PEL:	ACGIH TLV:	OTHER:
Oxalic Acid	144-62-7	<10	None Est.	None Est.	
Dipropylene Glycol Monomethyl Ether	34590-94-8	5	100ppm	100ppm	

### SECTION III - PHYSICAL CHARACTERISTICS

<b>Boiling Range:</b>	212°F	<b>% Volatile by Volume:</b>	94%
<b>Specific Gravity:</b>	1.05	<b>Evaporation Rate(BuOAc=1):</b>	=water
<b>Vapor Pressure (mm Hg):</b>	125mm Hg@100°F	<b>Maximum Volatile</b>	
<b>Vapor Density (Air=1):</b>	0.9	<b>Organic Compound (V.O.C.):</b>	5% by weight

**Solubility (specific solvents):**  
Miscible in water, alcohol, acetone, some glycol ethers; insoluble in petroleum hydrocarbons.

**Appearance & Odor:**  
Green, odorless liquid.

### SECTION IV - FIRE & EXPLOSION DATA

<b>Flash Point (Setaflash):</b>	N/A	<b>Flammable Limits (% in Air):</b>	N/A
<b>Extinguishing Media:</b>	Non-flammable.		
<b>Special Firefighting Procedures:</b>	None known.		
<b>Unusual Fire &amp; Explosion Hazards:</b>	None known.		
<b>Reactivity:</b>	Product is stable.	<b>Hazardous Polymerization:</b>	Will not occur.
<b>Conditions to Avoid:</b>	Extreme temperatures above 212°F as vapors given off can be harmful.		
<b>Incompatibilities (materials to avoid):</b>	Alkalai, oxidizing materials, chlorites, hypochlorites and silver.		
<b>Hazardous Decomposition Products:</b>	None known.		

### SECTION V - HEALTH HAZARDS

**Primary Routes of Entry:** Eye contact, inhalation, ingestion, skin contact.

#### ACUTE HEALTH EFFECTS:

**EYE CONTACT:** May cause severe irritation, chemical burns or conjunctivitis.

**INHALATION:** Vapors or mist may cause irritation of mucous membranes, nose, throat or lungs..

**INGESTION:** May cause nausea, gastrointestinal irritation or vomiting. In sufficient doses, material can be fatal.

**SKIN CONTACT:** May cause rash, redness or skin irritation.

#### EMERGENCY FIRST AID PROCEDURES:

**EYE CONTACT:** Wash with clean water for at least fifteen minutes; get medical attention.

**INHALATION:** Move individual to fresh air. If breathing has stopped, apply artificial respiration, get medical attention immediately.

**INGESTION:** DO NOT INDUCE VOMITING. Give water or milk to drink; get immediate medical attention.

SECTION V - HEALTH HAZARDS(cont'd)

**SKIN CONTACT:** Wash area with soap and water. Remove contaminated clothing and wash before re-use. If irritation persists, seek medical attention.

**CHRONIC HEALTH EFFECTS:** Not listed as a carcinogen by the NTP, IARC, or OSHA. No adverse long-term effects are known.

**MEDICAL CONDITIONS AGGRAVATED BY EXPOSURE:** Pre-existing skin conditions could be aggravated by repeated exposure.

SECTION VI - SPILL OR LEAK PROCEDURES

**Steps to be taken in case material is spilled or released:** Soak up spill with absorbent.

**Waste disposal method:** Dispose of in accordance with all applicable federal, state and local regulations.

SECTION VII - SPECIAL PROTECTION DATA

**Respiratory protection:** None normally needed.

**Ventilation:** None normally needed.

**Protective Gloves:** Rubber or plastic.

**Eye Protection:** Goggles or face shield.

**Other protective clothing or equipment:** Impervious, protective clothing if contact is likely. Eyewash station should be available.

SECTION VIII - HANDLING & STORAGE DATA

**Precautions to be taken in handling and storage:** Store in original container; keep tightly closed. Do not reuse container for other purposes.

KEEP OUT OF REACH OF CHILDREN.

**Other precautions:** Read and observe all precautions on product label.

SECTION IX - OTHER INFORMATION

Daly's, Inc. certifies that this MSDS meets the requirements of Section 313 of the Emergency Planning and Community Right-To-Know Act of 1986 (SARA Title III) and of the OSHA Hazard Communication Standard (40 CFR 372):

This product contains no chemicals subject to reporting.

The information contained herein is based on data considered to be accurate. However, no warranty is expressed or implied regarding the accuracy of these data or the results to be obtained for the use thereof. Recipients are advised to confirm in advance of need that the information is current, applicable, and suitable regarding all current regulations.

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