

# MATERIAL SAFETY DATA SHEET

SAVOGRAN  
WOOD BLEACH

Revision: 3/14/2013

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## 1. Product and Company Identification

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Product Name : WOOD BLEACH  
Product Code : 500N  
Recommended Use: WOOD BRIGHTENER

### Company Identification:

SAVOGRAN  
259 LENOX STREET  
PO BOX 130  
NORWOOD, MA 02062-0130  
Information Phone: 781-762-5400  
Emergency Phone: 508-395-0680  
Website Address: [www.savogran.com](http://www.savogran.com)

Synonyms: 10501,10502,10503,90501,Ethanedioic acid dihydrate

## 2. Hazards Identification

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### Potential Health Effects:

**Eye:**  
Eye contact can cause severe irritation, redness, tearing, blurred vision and may cause transient injury to cornea.

**Skin:**  
Prolonged and/or repeated contact may cause irritation and/or dermatitis. Contact with skin causes irritation and positive burns, especially if the skin is wet or moist.

**Ingestion:**  
Ingestion can cause severe internal irritation. Can be fatal if swallowed. Systemic poison affecting the central nervous system and kidney function as well as other organs.

**Inhalation:**  
Dust can cause irritation or burns to the upper respiratory system, including nose, mouth and throat. Can also irritate lungs.

### Chronic Overexposure Information:

NO DATA

### Teratology and Reproduction Information:

NO DATA

### Aggravation of Pre-Existing Conditions:

Over exposure can cause hypocalcaemia and kidney injury.

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## Label Hazard Statement:

POISON! MAY BE FATAL IF SWALLOWED. Causes eye and skin irritation. May cause burns. Do not breathe dust.

## OSHA Hazard Communication Standard:

This product is defined as hazardous by the OSHA Hazard Communication Standard, 29 CFR 1910.1200.

### 3. Composition/Information on Ingredients

Component	CAS#	% by Wt.
OXALIC ACID DIHYDRATE	144-62-7	95% - 100%
ACGIH/OSHA 1 mg/m <sup>3</sup> TWA		
ACGIH 2 mg/m <sup>3</sup> STEL		

### 4. First Aid Measures

#### Eyes:

Flood with plenty of water with eye lids held open for at least 15 minutes and get medical attention promptly.

#### Skin:

Remove contaminated clothing. Wash exposed area with soap and water. If symptoms persist, seek medical attention. Launder clothing before reuse.

#### Ingestion:

Do NOT induce vomiting. If conscious and alert, give 2-4 cupfuls of milk or water. Get medical aid immediately.

#### Inhalation:

If symptoms develop, immediately move individual away from exposure and into fresh air. Seek immediate medical attention.

#### Note to Physicians:

Treat symptomatically and supportively. The use of calcium gluconate to precipitate the oxalate should be determined by only qualified medical personnel.

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## 5. Fire Fighting Measures

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Flammable Properties:  
None

Hazardous Combustion Products:  
NO DATA

Extinguishing Media:  
For small fires, use water spray, dry chemical, carbon dioxide or chemical foam.

Firefighting Procedures:  
Because fire may produce toxic thermal decomposition products, wear a self-contained breathing apparatus (SCBA) with a full-face piece operated in pressure-demand or positive-pressure mode. Do not release runoff from fire control methods to sewers or waterways.

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## 6. Accidental Release Measures

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Small Spill:  
Wipe or scrape up any material. Wash area thoroughly with detergent and water; ventilate adequately with good fresh air movement at floor level.

Large Spill:  
Dike far ahead of liquid spill for later disposal.

Environmental Precautions:  
Do not release into sewers or waterways.

Methods/Materials for Containment and Cleaning Up:  
Absorb the liquid and scrub the area with detergent and water.

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## 7. Handling and Storage

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Handling:  
Wash thoroughly after handling. Use only in a well ventilated area. Do not get on skin or in eyes. Do not ingest or inhale.

Storage:  
Moisture can cause caking. Keep away from alkali (Bases) substances. Do not mix with any other chemicals.

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## 8. Exposure Controls/Personal Protection

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Airborne Exposure Limits: NO DATA

Engineering Controls:  
Provide sufficient mechanical (general and/or local exhaust) ventilation to maintain exposure below TLV(s).

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## Personal Protective Equipment:

### Respiratory Protection:

Wear NIOSH/MSHA approved dust respirator, if dust is formed.

### Skin Protection:

Use heavy duty chemically protective gloves constructed of chemical resistant materials such as viton or neoprene.

### Eye Protection:

Chemical goggles or safety glasses with side shield.

## 9. Physical and Chemical Properties

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Boiling Point: NA

Melting Point: 216 deg F sublimes

Freezing Point: N/A

Vapor Pressure: NA

Vapor Density: NA

Solubility in Water: 13.7%@25C

Evaporation Rate: NA

Flash Point: 314F

Method: NO DATA

Lower explosive limit: NO DATA

Upper explosive limit: NO DATA

Autoignition Temperature: NO DATA

Specific Gravity: 1.653

pH: 1-2

Odor: None

Appearance:: White crystalline solid

## 10. Stability and Reactivity

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Chemical Stability (Conditions to Avoid): Stable

### Incompatibility:

Reacts with alkalies and strong oxidizing agents (e.g. permanganates).

### Hazardous Decomposition Products:

Carbon monoxide and carbon dioxide

Hazardous Polymerization: Will not occur.

## 11. Toxicological Information

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### Acute:

NO DATA

### Subchronic:

NO DATA

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Chronic/Carcinogenicity:  
Not listed by ACGIH, IARC, NIOSH, NTP or OSHA

Routes of Exposure:  
Inhalation, skin contact, eye contact.

## **12. Ecological Information**

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Environmental Fate: NO DATA

## **13. Disposal Considerations**

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Waste Disposal Method:  
Not listed as a banned from land disposal according to RCRA.

## **14. Transport Information**

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Land Transport (DOT):  
Limited Quantity

## **15. Regulatory Information**

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U.S. Federal Regulations:  
TSCA: The intentional ingredients of this product are listed.  
OSHA: The intentional ingredients of this product are listed.  
CERCLA: SARA Hazard Category: Immediate/Health  
Section 313: Not Listed  
Reportable Quantity: None of the chemicals in this material have an RQ  
State Regulations:  
Oxalic Acid Dihydrate can be found on the Pennsylvania right to know list.  
Volatile Organic Compounds: None

## **16. Other Information:**

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NFPA Ratings: 2,0,0

Manufacturer Disclaimer:  
Judgement of potential hazards of this product is based on information available about individual components listed under section 3 - Ingredients. Direct testing of mixture has not been done. Information given herein is believed to be accurate and is given in good faith. However, no warranty either expressed or implied is made. It is strongly suggested that users confirm in advance of need that the information is current and applicable to their situations.