

Timber Ox®, Inc  
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# Material Safety Data Sheet

Chem Trec Phone Number: 1-800-262-8200

<b>1. Timber Ox® Green Concrete and Masonry Sealer</b>	<b>Approval Date:</b>
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## 2. PRODUCT COMPOSITION

<b>Product Classification:</b> Agricultural oil-based wood stain		
<b>Ingredient Name:</b>	<b>CAS Number</b>	<b>Percent</b>

## 3. HAZARD IDENTIFICATION

<b>Primary routes of exposure:</b>	<b>Effects of exposure:</b>
<b>Inhalation:</b>	Exposure to high concentrations (>500 ppm) may cause respiratory irritation. Contact physician immediately.
<b>Eye Contact:</b>	May cause irritation or mechanical abrasion with prolonged exposure.
<b>Skin Contact:</b>	Prolonged exposure may cause a skin sensitization reaction in susceptible individuals.
<b>Ingestion:</b>	Ingestion should be avoided.

## 4. FIRST AID MEASURES

<b>Eyes:</b>	In case of contact, immediately flush eyes with plenty of water for at least 15 minutes. Get medical attention immediately.
<b>Skin:</b>	In case of contact, immediately flush skin with soap and plenty of water.
<b>Inhalation:</b>	If inhaled, remove to fresh air. If not breathing, give artificial respiration. If breathing is difficult, give oxygen. Get medical attention immediately.
<b>Ingestion:</b>	If swallowed, get medical attention immediately. Never give anything by mouth to an unconscious person.

## 5. FIRE FIGHTING MEASURES:

<b>Flash Point:</b> 150° F	<b>Method:</b> ASTM D-92, COC
<b>Flammability Limits in Air (% by Vol.):</b>	<b>Lower:</b> Not established <b>Upper:</b> Not established
<b>Auto-ignition Temperature:</b>	Not Available
<b>EXTINGUISHING MEDIA/FIRE PROCEDURES:</b>	
<b>Extinguishing Media for Fires:</b> Carbon dioxide, dry powder, foam, water fog or mist. Water may be ineffective on flames, but should be used to keep fire exposed containers cool.	
<b>Special Fire Fighting Procedures:</b> Avoid use of water other than light fog or mist.	
<b>Personal Protective Equipment:</b> Fire fighters need self contained respiratory equipment for fires in enclosed areas	
<b>HMIS Rating:</b> Health: 1 Flammability: 1 Physical Hazard: 0	
*HMIS: Minimal = 0 Slight = 1 Moderate = 2 Serious = 3 Severe = 4	

## 6. ACCIDENTAL RELEASE MEASURE

<b>RELEASE RESPONSE:</b>	
Contain, collect and reuse, if possible, all product. This product is not considered a hazardous product, and therefore it is not considered a hazardous waste, but should be disposed of in accordance with all local, state and federal environmental regulations and laws. Keep spills and cleaning runoff out of municipal sewers and open bodies of water.	
<b>PERSONAL PROTECTIVE EQUIPMENT</b>	
<b>Respiratory Equipment</b>	Approved NIOSH/MSHS (Organic Vapor) respirator may be necessary under certain conditions where airborne contaminants may exceed exposure limits

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<b>PERSONAL PROTECTIVE EQUIPMENT CONTINUED:</b>	
<b>Eye Protection:</b>	Wear goggles or safety glasses with side shields at all times.
<b>Other Protective Equipment</b>	Impervious gloves, long sleeve pants and shirts, and protective head wear should be worn to minimize exposure.

## 7. HANDLING AND STORAGE

<b>HANDLING</b>
Warning - Static charges generated by mist or vapors in or near flammable vapors may cause a flash fire. Avoid ignition sources such as sparks flames. Ground all equipment. Adequate ventilation should be provided to minimize vapor concentrations. This material should be stored in DOT certified containers only.
<b>STORAGE</b>
The maximum recommended storage temperature for this product is 120° F/49° C. Store in a well ventilated area.

## 8. EXPOSURE CONTROL INFORMATION

<b>OCCUPATIONAL EXPOSURE LIMITS</b>		
<u>ingredient</u>	<u>OSHA PEL(TWA)</u>	<u>ACGIH TLV (TWA)</u>
none		
<b>TLV:</b> Not established	<b>OSHA PEL:</b> Not established	<b>LD<sub>50</sub>:</b> Not established
<b>Carcinogen or Potential Carcinogen:</b> NPT: not listed IARC: not listed OSHA: not listed		

<b>PERSONAL PROTECTIVE EQUIPMENT</b>
<b>Respiratory Information:</b> A respiratory protection program meeting OSHA 20 CFR & 1910.134 and ANSI Z88.2 requirements must be followed whenever work place conditions warrant a respirator's use. None is required if airborne concentrations are maintained below the TLV/TWA's listed in the "Exposure Limit Information."
<b>Eye Protection:</b> Use chemical splash goggles and face shield (ANSI Z87.1 or approved equivalent). Eye protection worn must be compatible with respiratory protection system employed.
<b>Hand Protection: NOTE:</b> Material may be a skin sensitizer in susceptible individuals. The gloves listed below may provide protection against permeation. Gloves of other chemically resistant materials may not provide adequate protection: <ul style="list-style-type: none"> <li>• Butyl Rubber</li> <li>• Nitrile</li> </ul> Gloves should be removed and replaced immediately if there is any indication of degradation or chemical breakthrough. Rinse and remove gloves after use. Wash hands with soap and water.
<b>Other Protection:</b> Use a chemically resistant apron or other impervious clothing to avoid prolonged or repeated skin contact.

<b>ENGINEERING CONTROL MEASURES</b>
Use local exhaust ventilation with minimum capture velocity of 150 ft./min/ (.075 m/sec.) at the point of dust or mist evolution. Refer to the current edition of Industrial Ventilation: A Manual of Recommended Practice published by the American Conference of Government Industrial Hygienists for information on the design, installation, use and maintenance of exhaust systems.
<b>OTHER CONTROL MEASURES:</b>
Facilities storing or utilizing this product should be equipped with an eyewash facility and safety showers.

## 9. PROPERTIES

<b>Physical State:</b> Thin Liquid	<b>Appearance/Odor:</b> fruity odor colored liquid
<b>Boiling Point (°F):</b> 300 to 419° F	<b>Freezing/Melting Point:</b> N.A.
<b>Water Solubility:</b> Nil	<b>Specific Gravity: (H<sub>2</sub>O = 1)</b> .8 to .9
<b>Vapor Pressure:</b> 1 to 2 mm at 20 C	<b>Evaporation Rate:</b> 0.16 (n-butyl acetate = 1)
<b>Vapor Density:</b> 4.69 (air = 1)	<b>Viscosity:</b> not available

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## 10. REACTIVITY INFORMATION

<b>Stability</b>	This product is considered stable. Hazardous polymerization will not occur
<b>Conditions to Avoid</b>	Very high temperatures and open flame
<b>Materials to Avoid</b>	Avoid mixing with strong oxidants
<b>Hazardous Decomposition Products</b>	CO <sub>2</sub> CO, NOX compounds
<b>Hazardous Polymerization Products</b>	None Known
<b>Hazardous Combustion Products</b>	Carbon dioxide, carbon monoxide, oxides of nitrogen and smoke.

## 11. TOXICITY INFORMATION

<b>Acute Data</b>	None Available
<b>Sensitization Data</b>	None Available
<b>Biodegradation Data</b>	None Available

## ENVIRONMENTAL/DISPOSAL CONSIDERATIONS

<b>12. Environmental Hazards</b>	
None Known	
<b>13. Disposal Considerations</b>	
Contain, collect and reuse, if possible all product. This product is not considered a hazardous product, and therefore is not considered a hazardous waste, but should be disposed of in accordance with all local, state and federal environmental regulations and laws. Keep spills and cleaning runoff out of municipal sewers and open bodies of water.	

## 14. TRANSPORTATION

<b>Shipping Name:</b> Combustible Liquid, N.O.S.	<b>Labels:</b> N.A.
<b>Hazard Class:</b> 3	<b>Packing Class:</b> PG III <b>UN#:</b> 2319

## 15. REGULATORY INFORMATION

<b>Superfund Amendments and Reauthorization Act (SARA Title III):</b> SARA Title III requires planning based on Threshold Planning Quantities (TPQ's) and release reporting based on Reportable Quantities (RQ's) under 40 CFR and 355 (SARA 302,304, 311 and 312).			
TPQ:	Not Applicable	RQ:	Not Applicable
<b>Comprehensive Environmental Response Compensation and Liability Act (CERCLA):</b> Components present in this product meeting reporting requirements:			
<u>Substance</u>	<u>CAS Number</u>	<u>Concentration</u>	<u>RQ</u>
None	None	None	None
<b>OSHA Hazard Communication Standard:</b> This product is subject to inclusion in Hazard Communication Program containing labeling requirements, Material Safety Data Sheets, and other types of warnings.			
<b>Toxic Substance Control Act (TSCA):</b> All ingredients in the product are listed in the TSCA Chemical Substance Inventory.			
<b>Resource Conservation and Recovery Act:</b>			
Listed hazardous Waste:	No	Characteristic Hazardous Waste:	No
<b>State Right to Know Act (MA, NJ, PA):</b> Components subject to reporting are listed in Section 2: Ingredients and Hazards.			
<b>California, Proposition 65:</b> There are no known risks associated with this substance under conditions of normal use.			
<b>Clean Air Act, Ozone Depleting Chemicals:</b> This product contains no Class I or Class II Ozone Depleting Chemicals as defined in 40 CFR 82, Subpart E.			
<b>Canadian Environmental Protection Act (CEPA):</b> This product is listed in the domestic substance list.			
<b>Workplace Hazardous Materials Information System (WHMIS):</b> This product is not a controlled substance as defined by the Canadian WHMIS system.			

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## 15. REGULATORY INFORMATION CONTINUED

<b>European Inventory of Chemical Substances (EINICS):</b> This product is listed in the European Inventory of Chemical Substances.
<b>Australian Inventory of Chemical Substances (AICS):</b> This product is not listed in the Australian Inventory of Chemical Substances.

## 16. OTHER INFORMATION

<b>Abbreviations:</b>
<b>OSHA:</b> Occupational Safety and Health Administration
<b>TWA:</b> Time Weighted Average
<b>NTP:</b> National Toxicology Program
<b>ANSI:</b> American National Standards Institute
<b>TLV:</b> Threshold Limit Value
<b>PEL:</b> Permissible Exposure Limit
<b>IARC:</b> International Agency for Research on Cancer