

Timber Ox, Inc
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Material Safety Data Sheet

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

1. Timber Ox®Green Wood Protectant Stain	Approval Date:
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2. PRODUCT COMPOSITION

Product Classification: Agricultural oil-based wood stain		
Ingredient Name:	CAS Number	Percent

3. HAZARD IDENTIFICATION

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

4. FIRST AID MEASURES

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

5. FIRE FIGHTING MEASURES:

Flash Point: 150° F	Method: ASTM D-92, COC
Flammability Limits in Air (% by Vol.):	Lower: Not established Upper: Not established
Auto-ignition Temperature:	Not Available
EXTINGUISHING MEDIA/FIRE PROCEDURES:	
Extinguishing Media for Fires: 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.	
Special Fire Fighting Procedures: Avoid use of water other than light fog or mist.	
Personal Protective Equipment: Fire fighters need self contained respiratory equipment for fires in enclosed areas	
HMIS Rating: Health: 1 Flammability: 1 Physical Hazard: 0	
*HMIS: Minimal = 0 Slight = 1 Moderate = 2 Serious = 3 Severe = 4	

6. ACCIDENTAL RELEASE MEASURE

RELEASE RESPONSE:	
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.	
PERSONAL PROTECTIVE EQUIPMENT	
Respiratory Equipment	Approved NIOSH/MSHS (Organic Vapor) respirator may be necessary under certain conditions where airborne contaminants may exceed exposure limits

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

7. HANDLING AND STORAGE

HANDLING
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.
STORAGE
The maximum recommended storage temperature for this product is 120° F/49° C. Store in a well ventilated area.

8. EXPOSURE CONTROL INFORMATION

OCCUPATIONAL EXPOSURE LIMITS		
<u>ingredient</u>	<u>OSHA PEL(TWA)</u>	<u>ACGIH TLV (TWA)</u>
none		
TLV: Not established	OSHA PEL: Not established	LD₅₀: Not established
Carcinogen or Potential Carcinogen: NPT: not listed IARC: not listed OSHA: not listed		

PERSONAL PROTECTIVE EQUIPMENT

Respiratory Information: 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."
Eye Protection: Use chemical splash goggles and face shield (ANSI Z87.1 or approved equivalent). Eye protection worn must be compatible with respiratory protection system employed.
Hand Protection: NOTE: Material may be a skin sensitizer in susceptible individuals. The gloves listed below may provide protection agains permeation. Gloves of other chemically resistant materials may not provide adequate protection: <ul style="list-style-type: none"> • Butyl Rubber • Nitrile 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.
Other Protection: Use a chemically resistant apron or other impervious clothing to avoid prolonged or repeated skin contact.

ENGINEERING CONTROL MEASURES

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.

OTHER CONTROL MEASURES:

Facilities storing or utilizing this product should be equipped with an eyewash facility and safety showers.

9. PROPERTIES

Physical State: Thin Liquid	Appearance/Odor: fruity odor colored liquid
Boiling Point (°F): 300 to 419° F	Freezing/Melting Point: N.A.
Water Solubility: Nil	Specific Gravity: (H₂O = 1) .8 to .9
Vapor Pressure: 1 to 2 mm at 20 C	Evaporation Rate: 0.16 (n-butyl acetate = 1)
Vapor Density: 4.69 (air = 1)	Viscosity: not available

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10. REACTIVITY INFORMATION

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

11. TOXICITY INFORMATION

Acute Data	None Available
Sensitization Data	None Available
Biodegradation Data	None Available

ENVIRONMENTAL/DISPOSAL CONSIDERATIONS

12. Environmental Hazards	
None Known	
13. Disposal Considerations	
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

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

15. REGULATORY INFORMATION

Superfund Amendments and Reauthorization Act (SARA Title III): 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
Comprehensive Environmental Response Compensation and Liability Act (CERCLA): 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
OSHA Hazard Communication Standard: This product is subject to inclusion in Hazard Communication Program containing labeling requirements, Material Safety Data Sheets, and other types of warnings.			
Toxic Substance Control Act (TSCA): All ingredients in the product are listed in the TSCA Chemical Substance Inventory.			
Resource Conservation and Recovery Act:			
Listed hazardous Waste:	No	Characteristic Hazardous Waste:	No
State Right to Know Act (MA, NJ, PA): Components subject to reporting are listed in Section 2: Ingredients and Hazards.			
California, Proposition 65: There are no known risks associated with this substance under conditions of normal use.			
Clean Air Act, Ozone Depleting Chemicals: This product contains no Class I or Class II Ozone Depleting Chemicals as defined in 40 CFR 82, Subpart E.			
Canadian Environmental Protection Act (CEPA): This product is listed in the domestic substance list.			
Workplace Hazardous Materials Information System (WHMIS): This product is not a controlled substance as defined by the Canadian WHMIS system.			

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15. REGULATORY INFORMATION CONTINUED

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

16. OTHER INFORMATION

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