



Safety Data Sheet

1. Identification

Product Name: Odosan Redwood Forest Concentrate
Synonyms: None
CAS Number: None
Product Use: Deodorizer for Restroom
Manufacturer: West Sanitation Services, Inc.
Address: 2158 Beaumont Drive
Baton Rouge, LA 70806
General Information: 225-302-5570
Transportation Emergency Number: CHEMTREC: 800-424-9300

USE: This product is a concentrated product and is a raw material, not ready to use. It must be diluted with water per the instructions on the label.

2. Hazards Identification

According to §1910.1200 OSHA HCS 2012

GHS Classification:

Flammable Liquids	Category 4
Eye damage/Irritation	Category 3
Skin Sensitization	Category 4
Hazardous to the Aquatic Environment, Acute Toxicity	Category 3
Hazardous to the Aquatic Environment, Chronic Toxicity	Category 3

GHS Label:

Pictograms:



Signal Word(s): WARNING

Hazard Statement(s):

Combustible Liquid
Causes Eye Irritation
May cause an allergic skin reaction
Harmful to the aquatic environment with long-lasting effects.

Hazard Statements: H302, H313, H315, H317, H319, H401, H417 **Precautionary Statements:** P201, P261, P262, P264, P272, P280, P363, P301+352 P332+313 **Risk Statements** R36, R38, R43, R52,53, R61, R63

Precautionary Statements

Prevention: Keep away from flames and hot surfaces. No smoking. Wear protective gloves/eye protection/face protection. Wash thoroughly after handling. Avoid breathing gas/mist/vapors/spray. Contaminated work clothing must not be allowed out of the workplace. Avoid release to the environment.

Response: In case of fire: Use alcohol resistant foam, CO₂, or dry chemical to extinguish. If in eyes: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. If eye irritation persists: Get medical advice/attention.
If on skin: Wash with plenty of water. If skin irritation or rash occurs: Get medical advice/attention. Wash contaminated clothing before reuse.

Storage: Store in a well-ventilated place. Keep cool.

Disposal: Dispose of contents/container in accordance with local/regional/national/international regulations.

Other Information: ≤ 1% of this mixture contains an ingredient of unknown acute inhalation toxicity

3. Composition/Information on Ingredients

Chemical Name	CAS Number	Weight %
Surfactant EthoxylatedAlcohol	68439-46-3	20-30%
Non-Hazardous Essential Oils and Fragrances	Not Assigned	10-20%
Diethyl Phthalate	84-66-2	1-2%
Diethyl Malonate	105-54-4	0-1%
4-(4-Hydroxyphenyl)butan-2-one	5471-51-2	0-1%
2,4-Dimethylcyclohex-3-ene-1-carb aldehyde	68039-49-6	0-1%
N-N-Dimethyl-1-decylamine-N-oxide	2605-79-0	1-5%
Water	7732-18-5	40-68%

4. First Aid Measures

Eye: Flush with water for at least 15 minutes or until irritation ceases. If irritation persists, consult a doctor.

Skin: Flush with water for at least 15 minutes. If irritation develops or persists, seek medical attention/advice.

Inhalation: Immediately remove person to fresh air. Keep person calm. Give oxygen if necessary. If not breathing, give artificial respiration. Do not use mouth to mouth. Use a one-way barrier device to administer rescue breaths.

Ingestion: Seek medical attention immediately. If person is conscious, give water to dilute stomach content and call a physician.

5. Fire Fighting Measures

Suitable Extinguishing Media: Alcohol resistant Foam, Carbon Dioxide, or Dry Chemical

Fire Fighting Procedures: Use normal firefighting equipment including a NIOSH approved self-contained breathing apparatus (SCBA). Use water to cool containers. Product may float on water if spilled

Unusual Fire and Explosion Hazards: Vapors may be heavier than air and travel along the ground to ignition sources or sumps.

Combustion Products: Carbon Monoxide, and Carbon Dioxide and Oxides of Nitrogen

6: Accidental Release Measures

- Keep unnecessary personnel out of the spill and containment areas.
- Keep away from heat, sparks, flames
- Clean up in accordance with all local/regional/national/international regulations
- Do not flush to sewer or waterway

Personal Protection for Emergency Situations:

Evacuate the area of all unnecessary personnel. Do not touch or walk through spilled material without appropriate personal protective equipment.

Spill Mitigation Procedures

Large Spill: Use a non-combustible material to adsorb the spill. Sweep up and shovel into appropriate containers for disposal.

Small Spills: Wipe up with absorbent cloth (fleece, etc.) Wipe thoroughly to remove any residual contamination

Additional Spill Information:

Stop source of spill as soon as possible only if safe to do so. Notify appropriate personnel.

7. Handling and Storage

Handling: Use chemical resistant gloves and eye protection to prevent exposure on handling. Always observe good industrial hygiene practices. Do not taste or swallow. Avoid contact with skin, eyes, and clothing. Avoid breathing vapor or mist. Do not eat, drink, or smoke while using this product. Wash hands thoroughly before eating, drinking, or smoking. Keep away from heat, sparks, and open flames.

Storage: Store product in original containers. Keep containers closed. Store in cool, well-ventilated areas. Keep away from oxidizers.

8. Exposure Controls / Personal Protection

Exposure limits:

Ethyl Acetate	>5000ppm
Ethyl Butyrate	>5000 ppm

Engineering Controls: Local or mechanical ventilation recommended when using this in an industrial setting.

Personal Protective Equipment (PPE):

Eye Protection: Chemical Splash Goggles or Face Shield

Skin Protection: Chemical gloves, rubber boots, chemical goggles, face mask, and a full protective chemical suit.

Respiratory Protection: Respiratory protection not normally required. Chemical cartridge respirators are not required except in enclosed spaces

9. Physical and Chemical Properties

Flashpoint:	>200°F	Autoignition Temperature:	unknown
Boiling Point:	200°F	Melting Point:	30°F
Vapor Pressure:	20 mm Hg	Vapor Density:	>1
% Solubility:	100%	Pour Point:	20°F
Molecular Formula:	not applicable		
Odor and Appearance:	Clear to colored liquid with an earthy forest Fragrance		
Lower Explosive Limit (LEL):	Unknown	Upper Explosive Limit (UEL):	unknown
Specific Gravity:	1.01 g/ml	% Volatile	50%
Evaporation Rate:	As water	Viscosity	100 cps
Octanol/Water Partition:	unknown	pH	7.4-8.2
Molecular Weight:	unknown		

10. Stability and Reactivity

Stability/Incompatibility: Product is stable. Hazardous Polymerization will not occur. Avoid Strong Acids and Strong Oxidizing Agents.

Hazardous Reactions: Strong Acids or oxidizing agents can cause separation of fragrant oils, and increase fire hazard.

11. Toxicological Information

First Aid Measures

Acute Toxicity Test Results	
LD50 Oral (rat)	>5000 mg/kg
LD-50 Dermal (rabbit)	>5000 mg/kg
LC-50 Inhalation (rat)	No data available

Eye Contact: Based on available data, the classification criteria are not met.

Skin Contact: Based on available data, the classification criteria are not met.

Inhalation: Based on available data, the classification criteria are not met.

Ingestion: Based on available data, the classification criteria are not met.

STOT SE: Based on available data, the classification criteria are not met.

STOT RE: Due to lack of data, classification cannot be determined.

Skin sensitization: May cause an allergic skin reaction

Carcinogenicity: Based on available data, the classification criteria are not met.

Mutagenicity: Based on available data, the classification criteria are not met.

Medical Conditions Aggravated: None Known

12. Ecological Information

Ecotoxicity: This product is not expected to be hazardous to the aquatic environment. However, large or frequent spills may cause adverse impacts to the environment and should be avoided.

Bioaccumulation: No information is available on the product itself. Based on available data, bioaccumulation is unlikely.

Biodegradability: No information available on the product itself. Based on available data, the product is likely to be readily biodegradable.

13. Disposal Considerations

Dispose of in accordance with all applicable regulations. Do not reuse empty containers as they may contain residual amounts of the product.

14. Transport Information

U.S. Department of Transportation (DOT)

Proper Shipping Name: Combustible Liquid

Hazard Class: none

UN/NA Number: NA 1993

Packing Group: III

Labels Required: None

International Maritime Organization (IMDG)

Proper Shipping Name: Not regulated

Hazard Class: None

UN/NA Number: Not Applicable

Packing Group: Not Applicable

Labels Required: None

15. Regulatory Information

U.S. Federal Regulations

CERCLA: There is no designated reportable quantity (RQ) for this chemical

Toxic Substances Control Act (TSCA): All components of this product are included on the TSCA inventory or are not required to be included.

Clean Water Act (CWA): No known components in this product are hazardous substances under the Clean Water Act. Consult Federal, State and local regulations for specific requirements.

CAA (CAA): No known components in this product are hazardous substances under the Clean Air Act. Consult Federal, State and local regulations for specific requirements.

SARA	Immediate:	Yes
	Delayed:	Yes
	Fire:	No
	Pressure:	No
	Reactivity:	No

State Regulations

California Prop 65: NONE LISTED

International Regulations

Canadian Environmental Protection Act: NONE

Canadian Workplace Hazardous Materials Info Systems WHMIS

Class: NONE

EU Risk Safety Phrases:

S02 Keep out of reach of children

S24,25 Avoid contact with skin and eyes

S26 In case of contact with eyes, rinse immediately with plenty of water and seek medical advice.

S36/37/39 Wear suitable clothing, gloves and eye/face protection

Xi- irritant

16. Other Information

National Fire Protection Association (NFPA) Ratings: This information is intended solely for the use of individuals trained in the NFPA system.

Health: 1

Flammability: 1

Reactivity: 0

Revision Indicator: New SDS Date 6/14/2016

Disclaimer: The information contained herein is accurate to the best of our knowledge. West Sanitation Services, Inc. makes no warranty of any kind, express or implied, concerning the safe use of this material in your process or in combination with other substances.