



Safety Data Sheet

1. Identification

Product Name: Odo-San Uplifting Concentrate
Synonyms: None
CAS Number: None
Product Use: Deodorizer
Manufacturer: West Industries
Address: 2158 Beaumont Drive
Baton Rouge, LA 70806
General Information: 225-302-5570
Transportation Emergency Number: CHEMTREC: 800-424-9300

2. Hazards Identification

GHS Classification:

Health	Environmental	Physical
Acute Toxicity - Category 2(inhalation), Category 2(oral/dermal) Eye Corrosion - Category 2 Skin Corrosion - Category 1 Skin Sensitization - Category 1 Mutagenicity - None Carcinogenicity - None Reproductive/Development - None Target Organ Toxicity (Repeated) - None	Aquatic Toxicity - Slightly toxic	Combustible Liquid

GHS Label:

Symbols: None	
Hazard Statements CAUTION! Combustible Liquid and Vapor If inhaled: May cause respiratory tract irritation For skin and eyes: Prolonged contact may lead to irritation For allergic skin reaction: May cause allergic irritation	Precautionary Statements Do not eat, drink, or use tobacco when using this product. Restrict breathing of mist, or vapors Keep container tightly closed Keep away from heat and open flame Wear protective gloves and eye/face protection

Harmful if Swallowed and in contact with skin Does not cause Lung Cancer Does not cause Birth Defects Does not cause Genetic Defects Slightly Toxic to Aquatic Life	Use in a well ventilated area. Store in tightly closed container in cool/well ventilated place. Wash thoroughly after handling
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Risk Codes: R36, R38, R43

Additional Information Full text of R and S phrases in section 15

GHS Labeling Symbols



Signal Word Warning

Hazard Statements

- H227 Combustible Liquid
- H302 Harmful if Swallowed
- H315 Causes Skin Irritation
- H412 Harmful to aquatic life with long lasting effects

Precautionary Statements

- P262 Do not get in eyes, on skin or on clothing
- P264 Wash hands thoroughly after handling
- P270 Do not eat, drink or smoke when using this product
- P273 Avoid release to the environment
- P280 Wear protective gloves/eye protection/face protection
- P363 Wash contaminated clothing before reuse
- P301 & P312 IF SWALLOWED: Call a POISON CENTER or doctor/physician if you feel unwell

3. Composition / Information on Ingredients

Component	CAS Number	Weight %
1 Lime Oil	8008-26-2	1-10%
2 Lemon Oil	8008-56-8	1-10%
3. Non-Hazardous Oils and Fragrances	none	5-15%
4 Surfactant--Ethoxylated Alcohol	68439-46-3	25-50%
5 Water	7732-18-5	15-68%

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 until slipperiness is gone. Prolonged contact by sensitive individuals can cause drying or leatherness or allergic dermatitis.

Inhalation: Immediately remove person to fresh air. Keep person calm, if not breathing, give artificial respiration. If not breathing, give oxygen.

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: Water, Alcohol 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

6: Accidental Release Measures

- Keep unnecessary personnel out of the spill and containment areas.
- Vapor Protective Clothing--not necessary. Vapors are not corrosive or dangerous.
- Do not flush to sewer or waterway

Personal Protection for Emergency Situations:

Evacuate the area of all unnecessary personnel.

Spill Mitigation Procedures

Air Release: Vapors may be suppressed by the use of water fog.

US regulations (CERCLA) require reporting spills and releases to soil, water and air in excess of stipulated quantities (RQ). US Coast Guard National Response Center is 800-424-8802.

Water Release: This material is soluble in water. Contain all liquid for treatment and/or disposal as a (potential) hazardous waste. If not contaminated with other chemicals, this can be disposed of in a sanitary sewer.

Land Release: Create a dike or trench to contain materials. Absorb spill, or pump to liquid storage for disposal in a sanitary sewer or landfill. Decontaminate all clothing and the spill area using detergent and flush with large amounts of water; contain water for disposal in sanitary sewer.

Additional Spill Information:

Stop source of spill as soon as possible and notify appropriate personnel. Utilize emergency response personal protection equipment (PPE) prior to the start of any response. Evacuate all non-essential personnel. Dispose of spill residues per guidelines under Disposal Considerations.

7. Handling and Storage

Handling: Prevent spills by using containment dikes and plugging drains in a storage or dispensing area. Use chemical resistant gloves and eye protection to prevent exposure on handling. Do not take internally. Avoid contact with skin, eyes, and clothing. Avoid breathing vapor or mist. Electrically ground all equipment when handling this product.

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:

Component 1: Lime Oil	None Listed
Component 2: Lemon Oil	None Listed
Component 3: Non-Hazardous Oils and Fragrances	None Listed
Component 4: Surfactant--Ethoxylated Alcohol	None Listed
Component 5: Water	None Listed

Engineering Controls: Local or mechanical ventilation recommended

Personal Protective Equipment (PPE):

Eye Protection: Chemical Splash Goggles or Face Shield

Skin Protection: Chemical gloves and apron. Nitrile Latex or neoprene recommended

Respiratory Protection: Use in well-ventilated area. Chemical cartridge respirators are not required except in enclosed spaces

9. Physical and Chemical Properties

Flashpoint:	200°F	Autoignition Temperature:	unknown
Boiling Point:	180°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:	Lightly colored liquid with a spicy, herbal, floral fragrance		
Lower Explosive Limit (LEL):	Unknown	Upper Explosive Limit (UEL):	unknown
Specific Gravity:	1.01 g/ml	% Volatile	>99%
Evaporation Rate:	< n-butyl acetate	Viscosity	unknown
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

Signs and Symptoms of overexposure:

Acute Effects: Shortness of breath or anaphylactic shock can occur with individuals who are sensitized or allergic to perfumes. Product can cause itching or burning to skin and eyes.

Eye Contact: Severe irritation, redness and swelling can occur with either contact with liquid or exposure to vapors exacerbated by allergic reactions.

Skin Contact: May cause reddening, or allergic skin irritation

Inhalation: May cause irritation and pulmonary edema

Ingestion: May cause gastro-intestinal discomfort.

Target Organ Effects: May cause gastro-intestinal discomfort, irritation to respiratory tract.

Chronic Effects: None known. Those who are susceptible to allergic reactions may have some irritation on repeated contact.

Medical Conditions Aggravated: Individuals with damaged lungs from smoking or other health issues should not dispense (pour bottles) this product, due to possible pneumonia like reaction especially in closed spaces.

Acute Toxicity:

Oral LD50 (rat)	>5000mg/kg		
Dermal LD50(rabbit)	>5000mg/kg		
Inhalation LC50(rat)	400 ppm		
IDLH	4 hour		8 hour

12. Ecological Information

LC₅₀ (Fathead Minnows) = unknown mg/L/96 hr.

EC₅₀ (Daphnia) = unknown mg/L/48 hr.

Bioaccumulation/Biodegradability : Bioaccumulation is not expected to be significant. This product is readily Biodegradable.

13. Disposal Considerations

As sold, this product is not a hazardous waste and can be disposed of safely in any sewer or sanitary system. Flush down with plenty of water.

COMPLY WITH FEDERAL, STATE, AND LOCAL REGULATIONS

14. Transport Information

U.S. Department of Transportation (DOT)

Proper Shipping Name: Not DOT regulated.

Hazard Class: none

UN/NA Number: none

Packing Group: none

Labels Required: none

International Maritime Organization (IMDG)

Proper Shipping Name: Not DOT regulated

Hazard Class: none

UN/NA Number: not DOT regulated

Packing Group: none

Labels Required: none

15. Regulatory Information

U.S. Federal Regulations

CERCLA: There is no designated reportable quantity (RQ) for this chemical. If appropriate, immediately report spills to the National Response Center (800/424-8802) as required by federal law. Also contact appropriate state and local regulatory agencies.

Toxic Substances Control Act (TSCA): All components of this product are included on the TSCA inventory

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:	No
Delayed:	No
Fire:	Yes
Pressure:	Yes
Reactivity:	No

This product contains the following toxic Chemicals:

Component	CAS number	Maximum
NONE	NONE	NONE

State Regulations

California: NONE

International Regulations

Canadian Environmental Protection Act: NONE

Canadian Workplace Hazardous Materials Info Systems WHMIS

Class: None

This product has been classified in accordance with the hazard criteria of the Controlled Products Regulations and the SDS contains all the information required by the Controlled Products Regulations.

EU Classification of Existing Chemicals (EINECS): All of the components of this product are included on EINECS.

EU Classification: F Combustible H None T None N None

EU Risk R and Safety Phrases:

R36,38 Wear suitable clothing, gloves, and eye/face protection

R43 May cause sensitization by skin contact

S02 Keep out of reach of children

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

S46 If swallowed, seek medical advice immediately and show this container or label

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: 2

Flammability: 2

Reactivity: 0

Revision Indicator: New SDS Date 1/16/15

Disclaimer: The information contained herein is accurate to the best of our knowledge. West Industries 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.