



# SAFETY DATA SHEET

## Odosan Lemon Drop RTU

### SECTION 1: IDENTIFICATION

**Product Name:** Odosan Lemon Drop Ready to Use  
**Synonyms:** OS Lemon Drop RTU  
**Product Use:** Deodorizer for Restrooms  
**Manufacturer:** West Sanitation Services, Inc. dba AeroWest International  
**Address:** 2158 Beaumont Dr. Baton Rouge, LA 70806  
**General Information:** (225) 302-5700  
**Emergency Number:** (800) 424-9300

### SECTION 2: HAZARDS IDENTIFICATION

Classified according to OSHA HCS 2012, 1910.1200

Flammable liquids	Category 4
Sensitization, skin	Category 3

GHS Label elements, including precautionary statement



**Signal Word(s):** Warning

#### **Hazard Statements**

H302 Harmful if swallowed  
H315 Causes skin irritation  
H317 May cause an allergic skin reaction

#### **Precautionary Statements – Prevention**

P201 Obtain special instructions before use  
P210 Keep away from heat/sparks/open flames/hot surfaces. - No smoking.  
P262 Do not get in eyes, on skin or on clothing  
P280 Wear protective gloves/eye protection/face protection.  
P264 Wash hands thoroughly after handling.  
P272 Contaminated work clothing must not be allowed out of the workplace.

**Precautionary Statements – Response**

P301 If swallowed: Call a poison center/doctor if you feel unwell. Rinse mouth.

P302 + P352 If on skin: Wash with plenty of water.

P332 + P313 If skin irritation or rash occurs: Get medical advice/attention.

P363 Wash contaminated clothing before reuse.

P370 In case of fire: Use appropriate media to extinguish. Collect spillage.

**Precautionary Statements – Storage**

P403 + P235 Store in a well-ventilated place. Keep cool.

**Precautionary Statements – Disposal**

P501 Dispose of contents/container in accordance with local/regional/national/international regulations.

**Hazards not otherwise classified (HNOC)**

None known

**SECTION 3: COMPOSITION/INFORMATION ON INGREDIENTS**

Chemical Name	CAS Number	Weight %
Surfactant – Ethoxylated Propxylated Alcohol	68154-97-2	0-3%
Non-Hazardous Essential Oils and Fragrances	Not assigned	1-5%
Glycerine	56-81-5	1-5%
Orange Terpenes	68647-72-3	0-2%
Lemon Terpenes	68917-33-93	0-1%
Non-Hazardous Solubilization Agents	None	1-5%
Water	7732-27-5	79-97%

**SECTION 4: FIRST AID MEASURES****Inhalation**

Move to fresh air. Call a physician if symptoms develop or persist.

**Skin Contact**

Remove contaminated clothing immediately and wash skin with soap and water. In case of eczema or other skin disorders: Seek medical attention and take along these instructions.

**Eye Contact**

Rinse with water. Get medical attention if irritation develops and persists.

**Ingestion**

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

<b>Most important symptoms/effects, acute and delayed</b>	Severe eye irritation. Symptoms may include stinging, tearing, redness, swelling and blurred vision. Skin irritation: May cause redness and pain. Contact with lips and tongue may cause numbness. May cause an allergic skin reaction. Dermatitis. Rash.
<b>Indication of immediate medical attention and special treatment needed</b>	Provide general supportive measures and treat symptomatically. Keep victim under observation. Symptoms may be delayed.
<b>General Information</b>	Ensure that medical personnel are aware of the materials involved, and take precautions to protect themselves. Wash contaminated clothing before reuse.

## SECTION 5: FIRE FIGHTING MEASURES

<b>Suitable Extinguishing Media</b>	Alcohol Foam, Carbon Dioxide, or Dry Chemical
<b>Unsuitable Extinguishing media</b>	Do not use water jet as an extinguisher, as this will spread the fire
<b>Fire Fighting Procedures</b>	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. Move containers from fire area if you can do so without risk.
<b>Unusual Fire and Explosion Hazards</b>	Vapors may be heavier than air and travel along the ground to ignition sources or sumps.
<b>Combustion Products</b>	Carbon Monoxide, and Carbon Dioxide and Oxides of Nitrogen

## SECTION 6: ACCIDENTAL RELEASE MEASURES

<b>Personal precautions, protective equipment, and emergency procedures</b>	Keep unnecessary personnel away. Keep people away from and upwind of spill/leak. Eliminate all ignition sources (no smoking, flares, sparks, or flames in immediate area). Wear appropriate protective equipment and clothing during clean-up. Avoid breathing mist or vapor. Do not touch damaged containers or spilled material unless wearing appropriate protective clothing. Clean up in accordance to all
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local/regional/national/international regulations. Do not flush to storm drain or waterway.

**Methods and materials for containment and cleaning up**

This product is classified as a water pollutant under the Clean Water Act and should be prevented entering draining systems which lead to waterways.

**Large Spills:** Use a non-combustible material to absorb 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.

**Environmental precautions**

Avoid release to the environment. Avoid discharge into storm drains. Stop source of spill as soon as possible only if safe to do so. Notify appropriate personnel of all environmental releases.

## SECTION 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.

## SECTION 8: EXPOSURE CONTROL/PERSONAL PROTECTION

**Exposure limits: US ACGIH Threshold Limit Values**

Components	Type	Value
Orange Terpenes	TWA	None listed

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

**Personal Protective Equipment (PPE)**

**Eye/Face Protection:** Chemical splash goggles or face shield

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

<b>Respiratory Protection:</b>	Respiratory protection not normally required. Chemical cartridge respirators are not required except in enclosed spaces.
<b>General Hygiene Considerations:</b>	Always observe good personal hygiene measures, such as washing after handling the material and before eating, drinking, and/or smoking. Routinely wash work clothing and protective equipment to remove contaminants. Contaminated work clothing should not be allowed out of the workplace.

## SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

### Physical and Chemical Properties

<b>Physical State:</b>	Liquid
<b>Appearance:</b>	Clear
<b>Color:</b>	Pale yellow
<b>Odor:</b>	Lemon
<b>Odor Threshold:</b>	Not available
<b>pH</b>	6.9-7.4
<b>Melting/Freezing Point</b>	30 °F
<b>Boiling Point</b>	200°F
<b>Pour Point</b>	20 °F
<b>Flash Point</b>	> 200°F
<b>Evaporation Rate</b>	As water
<b>Lower Explosive Limit (LEL)</b>	Not available
<b>Upper Explosive Limit (UEL)</b>	Not available
<b>Vapor Pressure</b>	Not available
<b>Vapor Density</b>	>1
<b>Solubility</b>	100%
<b>Partition Coefficient (n-octanol/water)</b>	Not available
<b>Auto-ignition Temperature</b>	Not available
<b>Viscosity</b>	90 cps
<b>Specific Gravity</b>	1.01 g/ml
<b>% Volatile</b>	95%
<b>Molecular Weight</b>	Not available

## SECTION 10: STABILITY AND REACTIVITY

**Reactivity:** The product is stable and non-reactive under normal conditions of use, storage and transport.

**Chemical Stability:** Material is stable under normal conditions. Hazardous polymerization will not occur.

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

**Incompatible Materials:** Avoid strong acids and strong oxidizing agents.

## SECTION 11: TOXICOLOGICAL INFORMATION

### Information on likely routes of exposure

<b>Inhalation</b>	Prolonged inhalation may be harmful
<b>Eye Contact</b>	Direct contact with eyes may cause temporary irritation
<b>Skin Contact</b>	May cause an allergic skin reaction
<b>Ingestion</b>	May be harmful if swallowed

### Acute Toxicity Test Results

Chemical Name	LD50 Oral	LD50 Dermal	LC50 Inhalation
	>5000 mg/kg (rat)	>5000 mg/kg (rabbit)	-

### Information on toxicological effects

**Symptoms:** Prolonged inhalation may be harmful. May cause temporary irritation of the eyes. May cause an allergic skin reaction. May be harmful if swallowed.

### Delayed and immediate effects as well as chronic effects from short and long-term exposure

<b>Skin Sensitization</b>	May cause an allergic skin reaction. Causes skin irritation
<b>Mutagenic Effects</b>	Based on available data, the classification criteria are not met.
<b>Carcinogenicity</b>	Based on available data, the classification criteria are not met.
<b>Reproductive Toxicity</b>	Based on available data, the classification criteria are not met.
<b>STOT – Single Exposure</b>	Based on available data, the classification criteria are not met.
<b>STOT – Repeated Exposure</b>	Based on available data, the classification criteria are not met.
<b>Chronic Toxicity</b>	Based on available data, the classification criteria are not met.
<b>Target Organ Effects</b>	None known

## SECTION 12: ECOLOGICAL INFORMATION

**Ecotoxicity**

Toxic to aquatic life with long lasting effects.

**Persistence and degradability**

No data available

**Bioaccumulative Potential**

Bioaccumulation is not expected to be significant

**Mobility in Soil**

No data available

**Other Adverse Effects**

No other adverse environmental effects are expected

## **SECTION 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

## **SECTION 14: TRANSPORT INFORMATION**

**U.S. Department of Transportation (DOT)**

**Proper Shipping Name:** Not DOT Regulated

**Hazard Class:** none

**UN/NA Number:** Not Applicable

**Packing Group:** Not Applicable

**Labels Required:** None

**International Maritime Organization (IMDG)**

**Proper Shipping Name:** Not DOT Regulated

**Hazard Class:** none

**UN/NA Number:** Not Applicable

**Packing Group:** Not Applicable

**Labels Required:** None

## **SECTION 15: REGULATORY INFORMATION**

**US 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.

<b>SARA</b>	Immediate	No
	Delayed	No
	Fire	No
	Pressure	No
	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**

**Hazard 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 Dangerous to the Environment

**EU Risk R and Safety Phrases:**

R43.	Sensitizing agent
R36,38	Wear suitable clothing, gloves, and eye/face protection
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	Wear suitable clothing, gloves and eye/face protection



- S61 Avoid release to the environment  
S62 If swallowed, do not induce vomiting. Seek medical advice immediately and show the container to the physician.

## SECTION 16: OTHER INFORMATION

### Hazardous Material Information System (HMIS)

Health	1
Flammability	1
Physical Hazard	0
Personal Protection	B

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