



## Safety Data Sheet

### 1. Identification

**Product Name:** Aerowest Tradewinds 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

### 2. Hazards Identification

According to §1910.1200  
OSHA HCS 2012

**GHS Classification:**

Flammable Liquids	Category 4
Eye damage/Irritation	Category 2B
Skin Sensitization	Category 1B
Hazardous to the Aquatic Environment, Acute Toxicity	Category 3
Hazardous to the Aquatic Environment, Chronic Toxicity	Category 3

**GHS Label:**

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**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, H315, H317, **Precautionary Statements:** P201, P261, P262, P264, P272, P280, P363, P301+352 P332+313 **Risk Statements** R36, R38, R50, R53, R65

### 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, CO<sub>2</sub>, 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—Ethoxylated Alcohol	68439-46-3	20-50%
Non-Hazardous Essential Oils and Fragrances	Not Assigned	5-20%
Water	7732-18-5	30-60%
N,N-Dimethyldecylamine N-oxide	2605-79-0	5-10%
Citrus Terpenes	5989-27-5	0-5%

### 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:

Citrus Terpenes TLV 30 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

<b>Flashpoint:</b>	180°F	<b>Autoignition Temperature:</b>	unknown
<b>Boiling Point:</b>	200°F	<b>Melting Point:</b>	30°F
<b>Vapor Pressure:</b>	20 mm Hg	<b>Vapor Density:</b>	>1
<b>% Solubility:</b>	100%	<b>Pour Point:</b>	20°F
<b>Molecular Formula:</b>	not applicable		
<b>Odor and Appearance:</b>	Yellow colored liquid with a Citrus Fragrance		
<b>Lower Explosive Limit (LEL):</b>	Unknown	<b>Upper Explosive Limit (UEL):</b>	unknown
<b>Specific Gravity:</b>	1.04 g/ml	<b>% Volatile</b>	50%
<b>Evaporation Rate:</b>	As water	<b>Viscosity</b>	90 cps
<b>Octanol/Water Partition:</b>	unknown	<b>pH</b>	7.4-8.2
<b>Molecular Weight:</b>	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	Citrus Terpenes	(5989-27-5)
LD50 Oral (rat)	>2000 mg/kg low	
LD-50 Dermal (rabbit)	>5000 mg/kg low	
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.

- **Citrus Terpenes (5989-27-5)**  
**logKow:** 4.39  
**BCF:** 864.8 L/kg (EPISUITE Estimate)
- **Surfactant-Ethoxylated Propoxylated Alcohol (69013-18-9)**  
**logKow:** 4.0 (Estimate KOWWIN v 1.68)  
**BAF:** 290.5 (EPISUITE Estimate)

**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.

<b>SARA</b>	Immediate:	Yes
	Delayed:	Yes
	Fire:	Yes
	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

## 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** 11/01/2015

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