



## Safety Data Sheet

### 1. Identification

**Product Name:** Drain Defog Fluid  
**Synonyms:** None  
**CAS Number:** None  
**Product Use:** Drain Treatment  
**Manufacturer:** West Sanitation Services, Inc.  
**Address:** 2185 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 2 Skin Sensitization - Category 2 Mutagenicity - None Carcenogenicity - None Reproductive/Development - None Target Organ Toxicity (Repeated) - None	Aquatic Toxicity - Slightly toxic	None

#### GHS Label:

<b>Symbols:</b> None	
<b>Hazard Statements</b> <b>CAUTION!</b> 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 Harmful if Swallowed and in contact with skin	<b>Precautionary Statements</b> Do not eat, drink, or use tobacco when using this product. Restrict breathing of mist, or vapors Keep container tightly closed Wear protective gloves and eye/face protection Use in a well ventilated area.

Does not cause Lung Cancer Does not cause Birth Defects Does not cause Genetic Defects Slightly Toxic to Aquatic Life	Store in tightly closed container in cool/well ventilated place. Wash thoroughly after handling
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### 3. Composition / Information on Ingredients

Component	CAS Number	Weight %
1 D-Limonene	5989-27-5	0-10%
2 Non-Hazardous Building Agents	N/A	20-50%
3 Non-Hazardous Essentials Oils and Fragrances	N/A	0-5%
4. Water	7732-18-5	40-80%

### 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 irritation 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:** None Known

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

## 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 open 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.

**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:

<b>Component 1:</b> D-Limonene	400 ppm
<b>Component 2:</b> Non-Hazardous Building Agents	none listed
<b>Component 3:</b> Non-Hazardous Essentials Oils and Fragrances	none listed
<b>Component 4:</b> 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

<b>Flashpoint:</b>	>200°F	<b>Autoignition Temperature:</b>	Unknown
<b>Boiling Point:</b>	>200°F	<b>Melting Point:</b>	19°F
<b>Vapor Pressure:</b>	Unknown	<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>	Colored Water Wet	Liquid with Floral notes	
<b>Lower Explosive Limit (LEL):</b>	Unknown	<b>Upper Explosive Limit (UEL):</b>	unknown
<b>Specific Gravity:</b>	1.02 g/ml	<b>% Volatile</b>	50%
<b>Evaporation Rate:</b>	As water	<b>Viscosity</b>	None
<b>Octanol/Water Partition:</b>	Not applicable	<b>pH</b>	8.4
<b>Molecular Weight:</b>	Not applicable		

## 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

**Inhalation:** May cause irritation

**Ingestion:** May cause gastro-intestinal discomfort.

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

**Chronic Effects:** Allergic reactions may result in individuals who are susceptible to allergic reactions and have chronically spilled material on hands or clothing.

**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)	2000mg/kg	
Dermal LD50(rabbit)	>5000mg/kg	
Inhalation LC50(rat)	5000 ppm	
IDLH	4 hour	8 hour

## 12. Ecological Information

LC<sub>50</sub> (Fathead Minnows) = unknown mg/L/96 hr.

EC<sub>50</sub> (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:** 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

### 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.

<b>SARA</b>	Immediate:	No
	Delayed:	No
	Fire:	No
	Pressure:	No
	Reactivity:	No

This product contains the following toxic Chemicals:

<b>Component</b>	<b>CAS number</b>	<b>Maximum</b>
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 None 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

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

## 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: 0**

**Reactivity: 0**

**Revision Indicator:** New SDS    Date 10/11/2013

**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.