



Safety Data Sheet

1. Identification

Product Name:	Drain Refresh 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:

Symbols: None	
Hazard Statements CAUTION! 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	Precautionary Statements 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
--	--

3. Composition / Information on Ingredients

Component	CAS Number	Weight %
1 Non-Hazardous Building Agents	N/A	20-50%
2 Non-Hazardous Essentials Oils and Fragrances	N/A	20-40%
3. 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:

Component 1: Non-Hazardous Building Agents	none listed
Component 2: Non-Hazardous Essentials Oils and Fragrances	none listed
Component 3: 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:	>200°F	Melting Point:	35°F
Vapor Pressure:	Unknown	Vapor Density:	>1
% Solubility:	100%	Pour Point:	30°F
Molecular Formula:	not applicable		
Odor and Appearance:	Colored Water Wet Liquid, Little or no odor		
Lower Explosive Limit (LEL):	Unknown	Upper Explosive Limit (UEL):	unknown
Specific Gravity:	1.02 g/ml	% Volatile	50%
Evaporation Rate:	As water	Viscosity	None
Octanol/Water Partition:	Not applicable	pH	9
Molecular Weight:	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 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

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: 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.

SARA

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

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.