



Safety Data Sheet

1. PRODUCT AND COMPANY IDENTIFICATION

Product Name: Odoff 50
Synonyms: None
CAS Number: None
Product Use: Petroleum Sweetener (deodorizer) For Research And Development Purposes Only

Manufacturer: West Sanitation Service, Inc.
Address: 2158 Beaumont Drive
Baton Rouge, LA 70806
+1 225-302-5570

General Information:
Transportation Emergency Number: CHEMTREC: 1-800-424-9300

2. HAZARDS IDENTIFICATION

Emergency Overview

"This product has not been fully tested and is being sent to you as a Research and Development product as defined by the Toxic Substances Control Act (TSCA) of 1976. Due to TSCA's R&D exemption, this product may contain ingredients that are not listed on the U.S. EPA's Toxic Substances Control Act inventory. The acute hazards of this product are based on a read-across to similar ingredients and mixtures. "

WHMIS Classification

D2B Toxic Material Causing Other Toxic Effects
Moderate skin irritant and Moderate eye irritant
(Read-across to 3-Methyl-2-Phenyl-1,3-oxazolidine, CAS# 1630-62-2)

GHS Classification:

Acute toxicity, Oral (Category 4)
Skin irritation (Category 2)
Eye irritation (Category 2A)
Specific target organ toxicity - single exposure (Category 3)
Acute aquatic toxicity (Category 3)

GHS Label elements, including precautionary statements:

Pictogram



Signal word

Warning

Hazard Statement(s)

H302

Harmful if swallowed.

H315 Causes skin irritation
H319 Causes serious eye irritation
H335 May cause respiratory irritation
H402 Harmful to aquatic life

Precautionary statement(s)

P261 Avoid breathing dust/fume/gas/mist/vapors/spray
P305 + P351 + P338 IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.

HMIS Classification

Health hazard: 2
Flammability: 0
Physical hazards: 0

Potential Health Effects

Inhalation May be harmful if inhaled. May cause respiratory tract irritation.
Skin Harmful if absorbed through skin. Causes skin irritation.
Eyes Causes eye irritation.
Ingestion Harmful if swallowed.

3. COMPOSITION / INFORMATION ON INGREDIENTS

Component	CAS Number	Weight %
1. Oxazolidine	Confidential	30-50%
2. Surfactants and Solublizers	Confidential	8-10%
3. Water	7732-18-5	40-42%%

4. FIRST AID MEASURES

General advice

Consult a physician. Show this safety data sheet to the doctor in attendance. Move out of dangerous area.

If Inhaled: Immediately remove person to fresh air. Keep person calm, if not breathing, give artificial respiration. If not breathing, give oxygen. Consult a physician.

In case of eye contact: Flush with water for at least 15 minutes or until irritation ceases. If irritation persists, consult a doctor.

In case of skin contact: Flush with water until slipperiness is gone. Prolonged contact by sensitive individuals can cause irritation or allergic dermatitis.

If swallowed: Do not induce vomiting. If person is conscious, give two glasses of water to dilute stomach content and consult 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 is soluble in water.

Unusual Fire and Explosion Hazards: None known

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

Explosion data – sensitivity to mechanical impact: No data available, but not likely based on similar chemical structures.

Explosion data – sensitivity to static discharge: No data available, but not likely based on similar chemical structures.

6: ACCIDENTAL RELEASE MEASURES

Personal precautions

Use personal protective equipment. Avoid dust formation. Avoid breathing vapors, mist or gas. Ensure adequate ventilation. Evacuate personnel to safe areas.

Environmental precautions

Prevent further leak age or spillage if safe to do so. Do not let product enter drains. Do not discharge into the environment.

Methods and materials for containment and cleaning up:

Pick up and keep in suitable, closed containers for disposal.

7. HANDLING AND STORAGE

Precautions for safe handling:

Avoid contact with skin and eyes. Avoid formation of aerosols.

Provide appropriate exhaust ventilation at places where dust is formed.

Storage: Store product in original containers. Keep containers closed. Store in cool, well-ventilated areas. Keep away from acids or oxidizers.

8. EXPOSURE CONTROLS / PERSONAL PROTECTION

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: None required except in event of a spill. Transfer fluids in areas with adequate ventilation.

Specific Engineering Controls: Local or mechanical ventilation recommended

9. PHYSICAL AND CHEMICAL PROPERTIES

Appearance	liquid
Form	liquid
Color	orange/amber
Safety data	
pH	9-11
Melting point/freezing point	No data available
Boiling point	200°F
Flash point	>200°F
Ignition Temperature	No data available
Auto-ignition Temperature	No data available
Lower explosion limit	No data available
Upper explosion Limit	No data available
Vapor Pressure	No data available
Density Water Solubility	100%
Partition Coefficient	n-octanol/water
Relative vapor Density	No data available
Odor	N/A
Odor Threshold	N/A
Evaporation rate	No data available

10. STABILITY AND REACTIVITY

Chemical stability

Stable under recommended storage conditions.

Hazardous Reactions: Strong Acids or oxidizing agents can cause chemical breakdown of Oxazolidines.
Conditions to avoid: No data

Materials to avoid

Avoid Strong Acids and Strong Oxidizing Agents.

Hazardous decomposition products

Hazardous decomposition products formed under fire conditions. - Carbon oxides, Nitrogen oxides (NOx)

11. TOXICOLOGICAL INFORMATION

Acute Toxicity:

Oral LD50 (rat)	No data available
Dermal LD50(rabbit)	No data available
Inhalation LC50(rat)	No data available
Other data on acute toxicity	No data available

Carcinogenicity

IARC: No component of this product present at levels greater than or equal to 0.1% is identified as probable, possible or confirmed human carcinogen by IARC.

ACGIH: No component of this product present at levels greater than or equal to 0.1% is identified as a carcinogen or potential carcinogen by ACGIH.

Reproductive toxicity: No data available

Teratogenicity: No data available

Specific target organ toxicity - single exposure (Globally Harmonized System)

May cause respiratory irritation.

Specific target organ toxicity - repeated exposure (Globally Harmonized System) :No data available

Aspiration hazard: No data available

Potential health effects:

Inhalation: May be harmful if inhaled. Causes respiratory tract irritation.

Ingestion: Harmful if swallowed.

Skin: Harmful if absorbed through skin. Causes skin irritation.

Eyes: Causes eye irritation.

Signs and Symptoms of Exposure:

To the best of our knowledge, the chemical, physical, and toxicological properties have not been thoroughly investigated.

Synergistic effects: No data available

Additional Information based on read-across, ingredients and professional judgement.

Signs and Symptoms of overexposure:

Acute Effects: Product can cause itching or burning to skin and eyes.

Eye Contact: Irritation, redness and swelling can occur with contact with liquid.

Skin Contact: May cause reddening, skin irritation on chronic contact

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: Allergic irritation 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.

12. ECOLOGICAL INFORMATION

Toxicity: No data available

Persistence and degradability: No data available

Bioaccumulative potential: No data available

Mobility in soil: No data available

PBT and vPvB assessment: No data available

Other adverse effects

An environmental hazard cannot be excluded in the event of unprofessional handling or disposal.

Harmful to aquatic life: No data available

Bioaccumulation/Biodegradability: Bioaccumulation is not expected to be significant.

This product is expected to be biodegradable based on similar chemicals.

13. DISPOSAL CONSIDERATIONS

Disposed of safely in compliance with local, regional, state and federal 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

WHMIS Classification

D2B Toxic Material Causing Other Toxic Effects Moderate skin irritant

Moderate eye irritant

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.

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): As a TSCA-exempt R&D substance, this product must be used by or directly under the supervision of a technically qualified individual(s) as defined by TSCA. This product may not be used for commercial purposes or in formulations used for commercial purposes.

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

International Regulation

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.

16. Other Information

Revision Indicator: 4/17/15

Disclaimer: The information contained herein is believed to be accurate to the best of our current knowledge, but does not purport to be all inclusive. The information does not represent a guarantee of the properties of the product once used in research and development. West Sanitation Services, Inc., DBA 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.