

Safety Data Sheet

Issue Date 08-Aug-2011 Revision Date: 03-Feb-2014 Version 1.0

1. IDENTIFICATION

Product Identifier

Product Name Chute & Dumpster Odor Neutralizer

Other Means of Identification

Product Code 563500

Recommended Use of the Chemical and Restrictions on Use

Recommended Use Organic malodor remover concentrate. For industrial use.

Details of the Supplier of the Safety Data Sheet

Midlab, Inc. 140 Private Brand Way Athens, TN 37303

Emergency Telephone Number

Company Phone Number Phone: 1-423-337-3180

Emergency Telephone (24 hr) INFOTRAC 1-352-323-3500 (International)

1-800-535-5053 (North America)

2. HAZARDS IDENTIFICATION

EMERGENCY OVERVIEW: Contains non-pathogenic bacterial spores.

Appearance Green Physical State Liquid Odor Citronella

Classification

This chemical does not meet the hazardous criteria set forth by the 2012 OSHA Hazard Communication Standard (29 CFR 1910.1200). However, this Safety Data Sheet (SDS) contains valuable information critical to the safe handling and proper use of this product. This SDS should be retained and available for employees and other users of this product.

3. COMPOSITION/INFORMATION ON INGREDIENTS

Chemical Name	CAS No	Weight-%
Water	7732-18-5	60-100
Nonylphenoxypolyethoxyethanol	68412-54-4	1-5
Non-Pathogenic Bacterial Spores	Proprietary	1-5
Sodium Xylene Sulfonate	1300-72-7	1-5

Contains 1-5% non-pathogenic bacterial spores.

4. FIRST-AID MEASURES

First Aid Measures

Eye Contact Rinse immediately with plenty of water, also under the eyelids, for at least 15 minutes. If

eye irritation persists: Get medical advice/attention.

Skin Contact If skin irritation occurs, rinse affected area with water.

^{**}If Chemical Name/CAS No is "proprietary" and/or Weight-% is listed as a range, the specific chemical identity and/or percentage of composition has been withheld as a trade secret.**

Inhalation No known hazardous effects. If symptoms occur, remove to fresh air.

Ingestion Drink plenty of water. If any discomfort persists, obtain medical attention.

Most Important Symptoms and Effects

Symptoms Prolonged contact may cause painful stinging or burning of eyes and lids, watering of eye,

and irritation. Prolonged or repeated skin contact may cause irritation.

Revision Date: 03-Feb-2014

Indication of any Immediate Medical Attention and Special Treatment Needed

Notes to Physician Treat symptomatically.

5. FIRE-FIGHTING MEASURES

Suitable Extinguishing Media

Water spray (fog). Carbon dioxide (CO2). Dry chemical. Foam.

Unsuitable Extinguishing Media

Not determined.

Specific Hazards Arising from the Chemical

None known.

Protective Equipment and Precautions for Firefighters

As in any fire, wear self-contained breathing apparatus pressure-demand, MSHA/NIOSH (approved or equivalent) and full protective gear.

6. ACCIDENTAL RELEASE MEASURES

Personal Precautions, Protective Equipment and Emergency Procedures

Personal PrecautionsUse personal protective equipment as required.

Environmental Precautions Avoid release to the environment.

Methods and Material for Containment and Cleaning Up

Methods for Containment Prevent further leakage or spillage if safe to do so.

Methods for Clean-Up Collect spillage. Collect in a clean, dry waste container for disposal. After cleaning, flush

away traces with water.

7. HANDLING AND STORAGE

Precautions for Safe Handling

Advice on Safe Handling Avoid contact with eyes. Observe good industrial hygiene practices.

Conditions for Safe Storage, Including Any Incompatibilities

Storage Conditions Keep containers tightly closed in a dry, cool and well-ventilated place. Keep out of the reach

of children. Keep from freezing.

Incompatible Materials None known.

8. EXPOSURE CONTROLS/PERSONAL PROTECTION

Exposure Guidelines No exposure limits noted for ingredient(s)

Appropriate Engineering Controls

Engineering Controls Ventilation systems.

Revision Date: 03-Feb-2014

Individual Protection Measures, such as Personal Protective Equipment

Eye/Face Protection No protective equipment is needed under normal use conditions.

Skin and Body ProtectionNo protective equipment is needed under normal use conditions.

Respiratory ProtectionNo protective equipment is needed under normal use conditions.

General Hygiene Considerations Handle in accordance with good industrial hygiene and safety practice.

9. PHYSICAL AND CHEMICAL PROPERTIES

Information on Basic Physical and Chemical Properties

Physical StateLiquidAppearanceHazy to clearOdorCitronellaColorGreenOdor ThresholdNot determined

<u>Property</u> <u>Values</u> <u>Remarks • Method</u>

pH 7.0-7.5

Melting Point/Freezing Point ~ 0 °C / ~32 °F Boiling Point/Boiling Range ~ 100 °C / ~212 °F

Flash Point Not applicable Tag Open Cup

Evaporation Rate
Flammability (Solid, Gas)
Upper Flammability Limits
Lower Flammability Limit
Vapor Pressure
Vapor Density
Not determined
Not determined
Not determined
Not determined

Specific Gravity 1.00

Water Solubility Completely soluble @ 25 °C (77 °F)

Solubility in other solvents Not determined **Partition Coefficient** Not determined **Auto-ignition Temperature** Not determined **Decomposition Temperature** Not determined **Kinematic Viscosity** Not determined **Dynamic Viscosity** Not determined **Explosive Properties** Not determined **Oxidizing Properties** Not determined

10. STABILITY AND REACTIVITY

Reactivity

Not reactive under normal conditions.

Chemical Stability

Stable under recommended storage conditions.

Possibility of Hazardous Reactions

None under normal processing.

Conditions to Avoid

Keep out of reach of children. Keep from freezing.

Incompatible Materials

None known.

Hazardous Decomposition Products

When exposed to fire, produces normal products of combustion.

11. TOXICOLOGICAL INFORMATION

Revision Date: 03-Feb-2014

Information on Likely Routes of Exposure

Product Information

Eye Contact Avoid contact with eyes.

Skin Contact Avoid contact with skin.

Inhalation Avoid breathing vapors or mists.

Ingestion Do not taste or swallow.

Component Information

	Chemical Name	Oral LD50	Dermal LD50	Inhalation LC50
Nonylphe	enoxypolyethoxyethanol 68412-54-4	= 3310 mg/kg (Rat)	> 2000 mg/kg (Rabbit)	-
Sodiu	um Xylene Sulfonate 1300-72-7	= 7200 mg/kg (Rat)	-	-

Information on Physical, Chemical and Toxicological Effects

Symptoms Please see section 4 of this SDS for symptoms.

Delayed and Immediate Effects as well as Chronic Effects from Short and Long-Term Exposure

Carcinogenicity This product does not contain any carcinogens or potential carcinogens as listed by OSHA,

IARC or NTP.

Numerical Measures of Toxicity

Not determined

12. ECOLOGICAL INFORMATION

Ecotoxicity

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

Chemical Name	Algae/aquatic plants	Fish	Toxicity to microorganisms	Crustacea
Nonylphenoxypolyethoxyethanol 68412-54-4	-	404-706 mg/L	-	-

Persistence/Degradability

Not determined

Bioaccumulation

Not determined

Mobility

Not determined

Other Adverse Effects

Not determined

13. DISPOSAL CONSIDERATIONS

Waste Treatment Methods

Disposal of Wastes Disposal should be in accordance with applicable regional, national and local laws and

regulations.

Contaminated Packaging Disposal should be in accordance with applicable regional, national and local laws and

regulations.

Revision Date: 03-Feb-2014

14. TRANSPORT INFORMATION

DOT Not regulated

IATA Not regulated

<u>IMDG</u> Not regulated

15. REGULATORY INFORMATION

International Inventories

Not determined

US Federal Regulations

SARA 311/312 Hazard Categories

Acute Health Hazard Yes

SARA 313

None listed.

US State Regulations

U.S. State Right-to-Know Regulations

The following ingredients appear on various state right to know lists and/or California's Proposition 65 List:

	Chemical Name	State List
ſ	None Listed	

AZ- Arizona Ambient Air Quality Guidelines IL- Illinois Toxic Air Contaminate- Carcinogenic

CT- Connecticut Hazardous Air Pollutants

MA- Massachusetts Right to Know List

CA- California Director's List of Hazardous Substances MN- Minnesota Hazardous Substances List

CAP65- California Prop65 NJ- New Jersey Right to Know List

FL- Florida Substances List PA- Pennsylvania Right to Know List

ID- Idaho Non-Carcinogen Toxic Air Pollutants RI- Rhode Island Hazardous Substances List

16. OTHER INFORMATION

NFPAHealth HazardsFlammabilityInstabilitySpecial HazardsNot determinedNot determinedNot determinedHMISHealth HazardsFlammabilityPhysical HazardsPersonal Protection100Not determined

 Issue Date
 08-Aug-2012

 Revision Date:
 03-Feb-2014

Revision Note New format Version 1.0

Disclaimer

The information provided in this Safety Data Sheet is correct to the best of our knowledge, information and belief at the date of its publication. The information given is designed only as a guidance for safe handling, use, processing, storage, transportation, disposal and release and is not to be considered a warranty or quality specification. The information relates only to the specific material designated and may not be valid for such material used in combination with any other materials or in any process, unless specified in the text.

Keep Out of Reach of Children. For Industrial and Institutional Use Only.

End of Safety Data Sheet

^{*}Denotes changes from last version.