



MATERIAL SAFETY DATA SHEET

Trade Name: Odor Lieutenant (Odor Control Material)

Section I - General Information

Product Name: Odor Lieutenant

Manufacturer: New Waste Concepts, Inc.
26624 Glenwood Rd
Perrysburg, Ohio 43551
(419) 872-2190

Date MSDS Prepared: March 29, 2007

Last Review Date: March 29, 2007

MSDS Preparer's Name/Address: Prepared by manufacturer.

Unit of Issue/Container Type: 1-gallon, 5-gallon, 55-gallon containers

Product Description: Water-based concentrate used for the control of odors in industry, wastewater and refuse handling through chemical neutralization. Product is to be diluted with fresh clean water before use. (See product Application Instructions.)

Section II - Ingredients

All components appear on the TSCA Inventory. Components not listed are either non-hazardous or in concentrations of less than 1.0 %.

Component	Weight Percent	CAS Number	ACGIH TLV-TWA	OSHA PEL-TWA
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(No hazardous substances above the required approval limits.)

***No reportable quantities or hazardous ingredients are present per OSHA 29 CFR 1910.1200
 ***No toxic chemical(s) subject to the reporting requirements of SARA Section 313 (40 CFR 372.65)

INFORMATION FOR HANDLING AND IDENTIFICATION OF CHEMICAL HAZARDS

HMIS Ratings: Health: 1 Fire: 1 Physical Hazard: 0
 Personal Protection: Use eye protection. Use NIOSH/MSHA-approved respiratory protection when necessary.
 0 = Minimal Hazard 1 = Slight Hazard 2 = Moderate Hazard 3 = Serious Hazard 4 = Severe Hazard

Canadian WHMIS Classification: Not Classified.

Section III – Physical/Chemical Characteristics

Appearance and Odor: Light straw-colored liquid, perfumed to suit.

Boiling Point: 95 °C (203 °F)

Melting Point: N/A

Vapor Pressure (25 °C): < 1.0 mm Hg

Vapor Density (Air = 1) N/D

Specific Gravity (25 °C): 1.154

Evaporation Rate: N/A

Solubility (H₂O): Miscible.

Percent Volatiles by Volume: N/D

pH: 5.5 – 6.8

Section IV - Fire and Explosion Hazard Data

Flash Point: > 144 °F (>62 °C) (C.O.C.)

Lower Explosive Limit: N/A

Upper Explosive Limit: N/A

Extinguishing Media/Methods: Use CO₂, dry chemical foam, AFFF (foam) or water.

Special Fire Fighting Methods: None

Unusual Fire/Explosive Hazards: Not a fire or explosion hazard when stored under normal conditions. Closed containers may explode due to the build-up of pressure when exposed to extreme heat.



Odor Lieutenant

Section V - Reactivity Data

Stable (Y/N):	Y
Conditions To Avoid:	Extremes in temperature.
Materials To Avoid:	Keep away from strong oxidizers and strong acids.
Hazardous Decomposition Products:	May include carbon monoxide, carbon dioxide, nitrous oxides or other toxic compounds, depending on combustion conditions.

Section VI – Health Hazard Data

ROUTES OF ENTRY – SIGNS AND SYMPTOMS OF OVEREXPOSURE

Inhalation:	Prolonged inhalation may lead to respiratory tract irritation.
Skin and Eye Contact:	Prolonged or repeated contact may result in mechanical irritation.
Skin Absorption:	None expected.
Ingestion:	Ingestion of large quantities may be harmful.
Health Hazards (acute and chronic):	None known.
Existing Medical Conditions Generally Aggravated by Exposure:	May provoke asthmatic response in persons with asthma sensitive to airway irritants.
Carcinogenicity:	IARC Monographs? No NTP? No

EMERGENCY TREATMENT / FIRST AID PROCEDURES

Eyes:	Flush with flowing water for at least 15 minutes. If irritation persists transport to hospital or physician.
Skin:	Wash affected area with soap and water. If irritation develops, consult a physician. Remove and launder contaminated clothing before reuse.
Inhalation:	If difficulty in breathing occurs, move to fresh air. Get immediate medical attention.
Ingestion:	Get immediate medical attention. Unless advised otherwise, dilute with water and induce vomiting.

Section VII - Precautions For Safe Handling and Use

Steps to be taken in Case Material is Released or Spilled:

Material may be slippery when spilled. Walk cautiously. Contain the spill to prevent a large discharge to surface streams or storm sewers. An absorbent material would aid in cleaning up a liquid spill. If liquid cleanup is necessary, collect in drums, buckets, or other containers.

Waste Disposal Method:

Spray mixture or rinse water that cannot be used according to label instructions must be disposed of according to local, state and federal laws.

Storage/Handling Precautions:

Store product in a dry environment, away from strong acids and oxidizers.

Other Precautions:

Avoid excessive exposure. Keep away from open flames. Keep closed when not in use. Use in ventilated areas only. Use lifting procedures when attempting to dispense product from heavy containers.

Section VIII – Control Measures

Respiratory:	If excessive vapors or mists are generated, wear NIOSH/MSHA approved organic vapor/mist respirator.
Ventilation:	Use local exhaust to control excessive vapor/mists. If applicable, proper personal protection is a NIOSH/MSHA approved respirator.
Clothing:	Gloves, coveralls, apron, boots as necessary to prevent skin contact as needed.
Eye:	Chemical goggles; wear face shield if splashing hazard exists.
Other:	Open wounds or skin surface disruptions should be covered with a chemical resistant patch to minimize absorption risks. Clean clothing should be worn daily to avoid possible long-term build up of the product leading to chronic overexposure.

Section IX – Shipping and Labeling Information

D.O.T. Shipping Data:	Not regulated.	D.O.T. Identification:	NA
D.O.T. Hazard Classification:	NA	Regulatory Status:	NA
D.O.T. Labels Required:	NA	NMFC Item No:	057100-00 (Class 60)

Section X – Disclaimer

The opinions expressed herein are those of qualified persons with New Waste Concepts, Inc. We believe the information contained here is current as of the date of this Material Safety Data Sheet. Since use of this product is not within the control of New Waste Concepts, Inc., it is the user’s obligation to determine a safe end use of this product.