

Sheet No. 53

Revision Date: 13 August 2012



MATERIAL SAFETY DATA SHEET

HMIS:  
 Health- 1 Flammability- 0 Reactivity- 0 Pers.  
 Protection- N  
 WHMIS: D 2 B

NFPA:  
 Health- 1 Flammability- 0 Reactivity- 0 Special Hazard-  
 N

Section 1: Product and Company Identification

Product: Nilodew Dumpster Deodorizer  
 NEW AND IMPROVED  
 NILODOR, INC.  
 10966 INDUSTRIAL PARKWAY NW  
 BOLIVAR, OHIO 44612, USA

Synonyms:

Non-Emergency:  
 US 800-443-4321

24 hr Emergency Spill Information:  
 Chem-Tel, Inc.

International 010-330-874-1017

US, Canada: 800-255-3924. International:  
 1-813-248-0584

EMERGENCY OVERVIEW

Appearance/Odor: Gray-brown granules  
 NOT Classified as hazardous by the criteria of NOHSC.

WARNING

Flammability : Not classified as flammable  
 Health Hazards Listed : Sensitivity to dust inhalation  
 Ecological Hazards Listed : None known  
 Potential Health Effects: See section 11 for more information.

Likely Routes of Exposure: Respiration

Eye: Direct exposure may irritate  
 Skin: Prolonged or repeated exposure may irritate  
 Ingestion: Not expected to be a problem  
 Inhalation: Classified as Group 3 (not classifiable for human) by IARC

Medical Conditions Aggravated By Exposure:

Allergies to fragrances; Asthma or preexisting respiratory problems  
 Target Organs: Lungs, see below

This product does not contain any carcinogens or potential carcinogens as listed by OSHA, IARC or NTP.  
 This material is not considered hazardous by the OSHA Hazard Communication Standard (29 CFR 1910.1200).  
 Potential Environmental Effects: (See section 12 for more information.)  
 None known

Section 2. Composition/Information on Ingredients

Component	CAS#	% by Weight	WHMIS Controlled
Clinoptilolite (Natural Zeolite)	1318-02-1	30-35	N

Water	7732-18-5	10-15	N
Silica: Quartz	14808-60-7	0-4	Y
Odor Counteractant	NA	4-5	N
Montmorillonite Clay (Calcined)	70892-59-0	40-50	Y

Section 3. First Aid Measures

Eye Contact: Flush eyes with copious amounts of clean water, holding lids open. If irritation persists, consult a physician.

Skin Contact: Wash with soap and water.

Inhalation: Remove to fresh air if irritation, cough, shortness of breath occurs.

Ingestion: Give water or milk to drink if conscious.

Note to Physicians: Inhalation of fragrance is not expected to be a problem. Inhalation of dry dust may cause discomfort to allergies / sensitivities

Section 4. Fire Fighting Measures

Suitable Extinguishing Media: Foam, carbon dioxide, dry chemical

Unsuitable Extinguishing Media: Fragrance portion could float on surface of water and continue burning

Products of Combustion: Oxides of carbon and nitrogen.

Protection of Firefighters: Due to residual silica, self-contained breathing apparatus or dust mask is recommended

Section 5. Accidental Release Measures

Personal Precautions: Keep away from skin and eyes. If product appears dry or dusty, wear dust mask or respirator.

Environmental Precautions: Keep out of surface waters and sanitary sewers.

Methods for Containment: No special requirements. Liquid portion is adsorbed on mineral carrier.

Methods for Clean-Up: Sweep up or shovel up for disposal.

Other Information: After granular powder has been swept or shoveled up, area of spill may be mopped with soap and water.

Section 6. Handling and Storage

**HANDLING**

Keep away from skin and eyes. If product is dry or dusty, wear dust mask or respirator.

**STORAGE**

Original container at ambient temperatures (below 60°C/140°F)

Section 7. Exposure Controls/Personal Protection

**EXPOSURE GUIDELINES**

COMPONENT:	TWA:	LD-50
Clinoptilolite (Natural Zeolite)	NA	NA
Water	NA	NA
Silica: Quartz	TLV 10 mg/cu m (0.0008% respirable)	Not determined
Odor Counteractant	NA	NA
Montmorillonite Clay (Calcined)	TLV 3 mg/ m3	NA

Engineering Controls: Normal Ventilation

Eye/Face Protection: Remove contact lenses (due to possible dust), Flush eyes with water if irritation occurs.

Skin Protection: Wash with soap and water. If sensitive skin, wear protective gloves.

Respiratory Protection: Dust mask or respirator recommended, especially if product appears dry or dusty. If inhaled remove to fresh air.

General Hygiene Considerations: Keep out of food and beverages

Color: Gray to brown	Odor: Spicy
Physical State: Granular Solid	Odor Treshhold:
pH: Not applicable	Freezing Point: Not applicable
Evaporation Rate: Not applicable	Boiling Point: Not applicable
Flash Point: Not applicable	Flammability(solid,gas): Not considered flammable.
Upper Flammability Limit: Not determined	Lower Flammabilty Limit: Not determined
Vapor Pressure: Less than 1 Torr at 20°C	Specific Gravity: Not determined. Bulk density greater than 0.75 g/mL
Vapor Density: Not determined	Auto-ignition Temperature: Not determined
Volatile Organic Compound (VOC),%weight:	Solubility (water): Insoluble
Less than 5%, all fragrance	Percent Volatile: Less than 20% including water

Section 8. Stability and Reactivity
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Stability: Stable

Conditions to Avoid: None known

Incompatable Materials: Unsaturated organic compounds such as turpentine, vegetable oil, and hydrofluoric acid may generate heat when mixing with dry clay.

Hazardous Decomposition Products: None known

Possibility of Hazardous Reactions: Extremely improbable

**ACCUTE EFFECTS**

Oral LD50:	Not determined for mixture. Weighted average more than 6 grams per kilogram, acute.
Dermal LD50:	Not considered toxic by skin contact. Weighted average more than 5 grams per kilogram, acute.
Inhalation:	Not considered acutely toxic by inhalation. Weighted average more than 4 milligrams per Liter.
Eye Irritation:	Direct contact with fine particles can irritate eyes
Skin Irritation:	Prolonged or repeated contact can irritate skin
Sensitization:	Sensitivity to residual silica may occur after long term exposure.

**CHRONIC EFFECTS**

Carcinogenicity:	Mixture contains zeolite which is Class 3 (not classifiable to humans) by IARC. Residual Silica is a suspected carcinogen however the low levels in this product would not cause adverse effects with normal use.
Mutagenicity:	None known
Reproductive Effects:	None known
Developmental Effects:	None known

Section 9. Ecological Information
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Ecotoxicity:	None known
Persistence/Degradability:	None known.
Bioaccumulation/Accumulation:	Mineral carrier is persistent. Fragrance is biodegradable.
Mobility in Enviroment:	None known

Section 10. Disposal Considerations

Disposal: Mineral carrier is not mobile.

Section 11. Transportation Information

US DOT (ground)

Proper Shipping Description: Dispose according to Federal, State or Provincial, and Local regulations

CANADA TDG (ground)

Proper Shipping Description: Not a Hazardous Material

ICAO (air)

Proper Shipping Description: Not a Dangerous Good

IMDG (water)

Proper Shipping Description: Not a Dangerous Good

Section 12. Regulatory Information

Global Inventories

TSCA: United States            Included

DSL: Canada                    Included

ECL: Korea                     Not-Known

PICCS: Philippines            Not-Known

ENCS: Japan                    Not-Known

AICS: Australia                Included

IECS: China                    Not-Known

EINECS: European Union      Included

SARA 313 Information :        Does not contain reportable concentrations of any SARA 313 Substances

California Safe Drinking Water and Toxic Enforcement Act of 1986 :(Proposition 65)

Not classifiable by IARC. Product mixture may contain negligible amounts of silica.

WHMIS: Canadian Workplace Hazardous Material Information System

D 2 B

Section 13. Other Information

Legends:

NFPA, HMIS:

0=Minimal Hazard, 1=Slight Hazard, 2=Moderate Hazard, 3=Severe Hazard, 4=Extreme Hazard

Risk Phrases:

Safety Phrases:

Prepared By:            Technical Dept.

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