

SAFETY DATA SHEET

HMIS:

Health- 1 Flammability- 0 Reactivity- 0 Pers.
Protection- N

NFPA:

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

WHMIS: D 2 B

Section 1: Product and Company Identification

Product: Dumpster Odor Ender
Deodorizing Granules

Synonyms:

Misco Industrial, LLC
1018 Stearman Drive
White House, TN 37188

Non-Emergency:
US 615-334-1861

24 hr Emergency Spill Information:

International

Section 2. Hazards Identification

EMERGENCY OVERVIEW

Appearance/Odor: Gray-brown granules



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.

Risk Phrases: R22 - Harmful if swallowed

Safety Phrases: S2 - Keep out of the reach of children
S7 - Keep container tightly closed

Hazard Phrases: H303 - May be harmful if swallowed

Precautionary Phrases: P202 - Do not handle until all safety precautions have been read and understood.
P233 - Keep container tightly closed.
P280 - Wash thoroughly after handling.

Likely Routes of Exposure: Respiration

Eye: Direct exposure can irritate

Skin: Prolonged or repeated exposure can irritate

Ingestion: Not expected to be a problem

Inhalation: See below

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.

Potential Environmental Effects: (See section 12 for more information.)

None known

Section 3. Composition/Information on Ingredients

Component	CAS#	% by Weight	WHMIS Controlled
Clinptilolite (Natural Zeolite)	1318-02-1	30-35	N
Montmorillonite Clay	70892-59-0	40-50	Y
Trade Secret Fragrance Mixture	None	4-5	N
Water	7732-18-5	10-15	N
Silica: Quartz	14808-60-7	0-4	Y

Section 4. 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.

Ingestion: If conscious, give water or milk to drink.

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

Section 5. Fire Fighting Measures

Suitable Extinguishing Media: Foam, carbon dioxide, dry chemical

Unsuitable Extinguishing Media: Water flood not recommended; fragrance mixture could float and continue burning.

Products of Combustion: Oxides of carbon and nitrogen

Protection of Firefighters: Self-contained breathing apparatus recommended

Section 6. Accidental Release Measures
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Personal Precautions: Keep away from skin and eyes. If product is dusty, wear dust mask or particulate 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: Shovel, scoop or sweep 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 7. Handling and Storage

HANDLING

If product is dusty, wear dust mask or particulates respirator.

STORAGE

Keep out of the reach of children. Store in original container at ambient temperatures (less than 60

Section 8. Exposure Controls/Personal Protection

EXPOSURE GUIDELINES

COMPONENT:	TWA:	LD-50
Clinptilolite (Natural Zeolite)	NA	NA
Montmorillonite Clay	TLV 3 mg/m ³	NA
Trade Secret Fragrance Mixture	None established	NA
Water	Not applicable	Not applicable
Silica: Quartz	TLV 10 mg/cu m (0.0008% respirable)	Not determined

Engineering Controls: Not normally necessary.

Eye/Face Protection: Protective goggles if handling large quantities.

Skin Protection: Protective gloves if handling large quantities.

Respiratory Protection: Dust mask or particulates respirator if product is dusty.

General Hygiene Considerations: Keep out of food and beverages.

Section 9. Physical and Chemical Properties

Color: Gray-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 Flammability Limit: Not determined
Vapor Pressure: Less than 1 Torr at 20	Specific Gravity: Not determined. Bulk density, tapped, 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 10. Stability and Reactivity

Stability: Stable

Conditions to Avoid: None known

Incompatible Materials: None known

Hazardous Decomposition Products: None known

Possibility of Hazardous Reactions: Extremely improbable

Section 11. Toxicology Information

ACCUTE EFFECTS

Oral LD50:	Not determined for mixture. Weighted average more than 6 grams per kilogram, acute.
Dermal LD50:	Not determined for mixture. Weighted average more than 5 grams per kilogram, acute.
Inhalation:	Not determined for mixture. Weighted average more than 4 milligrams per Liter, acute.
Eye Irritation:	Direct contact with particles can irritate eyes.

Skin Irritation: Prolonged or repeated contact can irritate skin.

Sensitization: None known.

CHRONIC EFFECTS

Carcinogenicity: Mixture contains zeolite which is a Class 3 (not classifiable to humans) by IARC. Residual silica is a suspected carcinogen however, at 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 12. Ecological Information

Ecotoxicity: None known.

Persistence/Degradability: Fragrance mixture is biodegradable.

Bioaccumulation/Accumulation: Not determined.

Mobility in Environment: Not determined.

Section 13. Disposal Considerations

Disposal: Dispose in accordance with all Federal, State or Provincial, and Local regulations.

Section 14. Transportation Information

US DOT (ground)

Proper Shipping Description: Not a Hazardous Material

CANADA TDG (ground)

Proper Shipping Description: Not a Dangerous Good

ICAO (air)

Proper Shipping Description: Not a Dangerous Good

IMDG (water)

Proper Shipping Description: Not a Dangerous Good

Section 15. 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 quantities 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 16. Other Information

Legends:

NFPA, HMIS:

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

Prepared By: Technical Dept.

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