

## 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: Odor Universe Granules

Synonyms:

T-Ray Specialties Inc.

14480 Thousand Oaks Place

Parkville, MO 64152

Non-Emergency:

24 hr Emergency Spill Information:

US 816-589-8729

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

S38 - In case of insufficient ventilation wear suitable respiratory equipment

Hazard Phrases:

H303 - May be harmful if swallowed

Precautionary Phrases:

P202 - Do not handle until all safety precautions have been read and understood.

P234 - Keep only in original container.

P264 - 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
Odor Counteractant	NA	4-5	N
Montmorillonite Clay	70892-59-0	40-50	N
Water	7732-18-5	10-15	N

**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:	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 5. 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 is recommended

**Section 6. 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 7. 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 8. Exposure Controls/Personal Protection**

**EXPOSURE GUIDELINES**

COMPONENT:	TWA:	LD-50
Odor Counteractant	NA	NA
Montmorillonite Clay	TLV 3 mg/m <sup>3</sup>	NA
Water	NA	NA

Engineering Controls: Normal Ventilation

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

Skin Protection: Rubber or other protective gloves recommended if handling large quantities

Respiratory Protection: Dust mask or respirator recommended, especially if product appears dry or dusty.

General Hygiene Considerations: Keep out of food and beverages

Section 9. Physical and Chemical Properties
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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:	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 10. Stability and Reactivity
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Stability: Stable  
 Conditions to Avoid: None known  
 Incomptable Materials: None known  
 Hazardous Decomposition Products: None known  
 Possibility of Hazardous Reactions: Extremely improbable

Section 11. Toxicology Information
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**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:	None known

**CHRONIC EFFECTS**

Carcinogenicity:	Mixture contains zeolite a class 3 (not classifiable to humans) by IARC. Residual silica is a suspected carcinogen however the low levelsin this product would not cause adverse effects with norma use.
Mutagenicity:	None known
Reproductive Effects:	None known
Developmental Effects:	None known

Section 12. 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 13. Disposal Considerations

Disposal: Mineral carrier is not mobile.

Section 14. 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 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 concentrations of any SARA 313 Substances

California Safe Drinking Water and Toxic Enforcement Act pf 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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