

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: NeutrOGran Odor Neutralizing
Granules

Synonyms:

T-Ray Specialties Inc.

14480 Thousand Oaks Place
Parkville, MO 64152Non-Emergency:
US 816-589-8729

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
R37 - Irritating to respiratory system
R20 - Harmful by inhalationSafety Phrases: S2 - Keep out of the reach of children
S13 - Keep away from food, drink and animal feedingstuffs
S25 - Avoid contact with eyes

Hazard Phrases: H303 - May be harmful if swallowed

Precautionary Phrases: P202 - Do not handle until all safety precautions have been read and understood.
P232 - Protect from moisture.
P264 - Wash thoroughly after handling.

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.
 Potential Environmental Effects: (See section 12 for more information.)
 None known

Section 3. Composition/Information on Ingredients

Component	CAS#	% by Weight	WHMIS Controlled
Silica, fused, aggregate	60676-86-0	40-50	Y
Water	7732-18-5	10-15	N
Odor Counteractant	NA	4-5	N
Silica: Quartz	14808-60-7	0-4	Y

Section 4. First Aid Measures

Eye Contact: S26: Flush eyes with copious amounts of clean water, holding lids open. If irritation persists, consult a physician.
 Skin Contact: S28: Wash with soap and water.
 Inhalation: S63: Remove to fresh air if irritation, cough, shortness of breath occurs.
 Ingestion: S 64: 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: 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 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

S 2: Keep out of the reach of children. Store in original container at ambient temperatures.

Section 8. Exposure Controls/Personal Protection

EXPOSURE GUIDELINES

COMPONENT:	TWA:	LD-50
Silica, fused, aggregate	TLV 3 mg/ m ³	NA
Water	NA	NA
Odor Counteractant	NA	NA
Silica: Quartz	TLV 10 mg/cu m (0.0008% respirable)	Not determined

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: Reasonable care. S 13: Keep away from food and beverages.

Section 9. Physical and Chemical Properties

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 Flammability 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

Stability: Stable

Conditions to Avoid: None known

Incompatible 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

Section 11. Toxicology Information

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: R 36: Direct contact can irritate eyes
 Skin Irritation: R 38: Prolonged or repeated contact can irritate skin
 Sensitization: Sensitivity to residual silica may occur after long term exposure.

CHRONIC EFFECTS

Carcinogenicity: 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 12. Ecological Information

Ecotoxicity: None known
 Persistence/Degradability: None known.
 Bioaccumulation/Accumulation: Mineral carrier is persistent. Fragrance is biodegradable.
 Mobility in Environment: 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 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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