

SAFETY DATA SHEET

Section 1. Chemical Product & Company Identification

ESSENCE CHEMICAL COMPANY P.O. BOX 656 ST. PETERS, MO 63376
636-685-0132

Product Name: ODOR GRAN

Product Use: ABSORBENT/DEODORANT

Product Code: 39250

EMERGENCY NUMBER: 1-800-535-5053

Section 2. Hazards Identification

Physical Hazards: Not Hazardous

Health Hazards: Carcinogen **Category 1A**
Specific Target Organ Toxicity-repeated exposure **Category 1**

Environmental Hazards: Not Hazardous

OSHA Defined Hazards:

Label Element:



Signal Word: DANGER

Hazard Statements: May cause cancer by inhalation. Causes damage to lungs through prolonged or repeated exposure by inhalation.

Precautionary Statements (Prevention): Do not handle until all safety precautions have been read and understood. Do not breathe dust. Wash thoroughly after handling. Wear protective gloves and clothing. Do not eat, drink or smoke when using this product.

Precautionary Statements (Response): If exposed or concerned: Get medical advice/attention.

Precautionary Statements (Storage): Store in a dry area.

Precautionary Statements (Disposal): Dispose of contents/container in accordance with all local and national regulations.

Hazards Not Otherwise Classified: None known.

Section 3. Composition/Information on Ingredients**Name of Hazardous Ingredients:**

<u>Name of Hazardous Ingredients:</u>	<u>CAS Number</u>	<u>% by Weight</u>
Bentonite	1302-78-9	90-100
Quartz (crystalline silica) (respirable <1%)	14808-60-7	0-10

Section 4. First Aid Measures

Eye Contact: Immediately flush eyes with cool running water, lifting upper and lower lids. If irritation persists or for foreign body in the eye, get medical attention.

Skin Contact: No first aid needed.

Inhalation: Move to fresh air. If irritation or other symptoms occur, get medical attention.

Ingestion: If used material is ingested, get medical attention due to possibility of chemical contamination. If large amount of unused material is swallowed, get immediate medical attention.

Most Important Symptoms/Effects, acute & Delayed: Eye contact may cause mechanical irritation and possible eye injury. May cause mechanical skin and respiratory irritation. This product contains less than 1% respirable crystalline silica. May cause cancer if respirable dust is inhaled over prolonged periods. This product contains crystalline silica. Inhalation of respirable crystalline silica may cause lung disease, silicosis with symptoms of shortness of breath and cough.

Indication of Immediate Medical Attention & Special Treatment Needed: No immediate medical attention is required.

Section 5. Fire Fighting Measures

Suitable Extinguishing Media: Use media suitable for surrounding fire. Unused product is not combustible.

Specific Hazards Arising From the Chemical: None for unused product.

Protective Equipment and Precautions for Firefighters: Firefighters should always wear self-contained breathing apparatus and full protective clothing for fires involving chemicals or in confined spaces.

Section 6. Accidental Release Measures

Personal Precautions, Protective Equipment & Emergency Procedures: No special equipment is required for spill clean up. For dusty conditions, an approved respirator may be needed.

Methods & Materials for Containment & Cleaning Up: Sweep up and collect unused material for disposal or re-use. For dusty conditions, an approved respirator may be needed.

Section 7. Handling and Storage

Precautions for Safe Handling: Avoid breathing dust. Avoid contact with eyes, skin and clothing. Wash thoroughly with soap and water after use. If clothing becomes dusty, launder before re-use. Use only with adequate ventilation. Minimize the generation and accumulation of dust. Follow good housekeeping practices to keep surfaces, including areas overhead such as piping, drop ceilings, ductwork, etc. free from settled dust. Dry powders can build static electricity charges when subjected to friction of transfer and in mixing operations.

Conditions for Safe Storage, including any Incompatibilities: Store in a dry area. Keep away from turpentine, hydrofluoric acid, vegetable oil, and other unsaturated organic compounds (such as fish oil), as this may generate heat and/or fire.

Section 8. Exposure Controls/Personal Protection

Occupational Exposure Guidelines: Bentonite: 15mg/m³ PEL-TWA (total dust), 5mg/m³ PEL-TWA (respirable dust). Quartz (crystalline silica): 30mg/m³ / %SiO₂+2 (total dust) TWA OSHA PEL, 10mg/m³ / SiO₂+2 (respirable dust) TWA OSHA PEL, 0.025 mg/m³ (respirable dust) TWA ACGIH TLV

Appropriate Engineering Controls: General ventilation is adequate for normal use. If handling produces airborne dust, local exhaust ventilation may be needed.

Individual Protection Measures, Personal Protective equipment:

Eye/Face: Safety glasses or goggles if needed to prevent eye contact.

Skin/Body: None required for normal use.

Respiratory: None required for normal use. For operations where the dust concentration may be excessive, a dust respirator may be used. Follow OSHA regulations in the selection and use of respiratory protection.

General Hygiene Considerations: Good general hygiene practices are expected.

Section 9. Physical & Chemical Properties

Appearance: Gray to tan

Physical State : Granular

pH: N/A

Boiling Point: N/A

Vapor Pressure: N/A

Melting Point/Freeze Point: N/A

Evaporation Rate: N/A

Upper Flammability Limit: N/A

Explosive Properties: N/A

Water Solubility: Insoluble

Color: Gray to tan

Odor: Cherry

Odor Threshold: N/A

Specific Gravity: N/A

Flash Point: N/A

Flammability (solid, gas): N/A

Lower Flammability Limit: N/A

Vapor Density: N/A

Auto-Ignition Temperature: N/A

Decomposition Temperature: N/A**Viscosity:** N/A**Oxidizing Properties:** N/A**Other Solubilities:** N/A

Section 10. Stability & Reactivity

Reactivity: Not normally reactive**Chemical Stability:** Stable**Possibility of Hazardous Reactions:** Spontaneous combustion can occur when this product is used to absorb high concentrations of chemicals having a high heat of absorption such as olefins, hydrochloric acid, etc.**Conditions to Avoid:** None**Incompatibility:** Turpentine, hydrofluoric acid, vegetable oil, fish oil, unsaturated organic compounds.**Hazardous Polymerization:** Does not occur**Hazardous Decomposition Products:** None

Section 11. Toxicological Information

INFORMATION ON LIKELY ROUTES OF EXPOSURE:

Inhalation: Inhalation of dust may cause irritation to eyes, nose, throat and respiratory tract.**Ingestion:** No known hazard.**Skin Contact:** No known hazard.**Eye Contact:** May cause mechanical, abrasive irritation with possible injury.

COMPONENT INFORMATION:

<u>Chemical Name</u>	<u>Oral LD50</u>	<u>Dermal LD50</u>	<u>Inhalation LC50</u>
Silica	22,500mg/kg (rat)	N/A	N/A

INFORMATION ON PHYSICAL, CHEMICAL, TOXICOLOGICAL EFFECTS:

Symptoms See Sec. 4 of this SDS for symptoms

DELAYED & IMMEDIATE EFFECTS AS WELL AS CHRONIC EFFECTS FROM SHORT TERM EXPOSURE & LONG

TERM EXPOSURE: Inhalations of excessive concentrations of any dust, including this material, may lead to lung injury. This product contains crystalline silica, in the form of quartz. Excessive inhalation of respirable crystalline silica may cause silicosis, a progressive, disabling and sometimes fatal disease of the lungs. Symptoms may include cough, shortness of breath, wheezing and reduced pulmonary function.**Carcinogenicity:** The International Agency for research on Cancer (IARC), in Monograph 100C has concluded that crystalline silica inhaled in the form of quartz is carcinogenic to humans (Group 1). Carcinogenicity may be dependent on inherent characteristics of the crystalline silica or on external factors affecting it's biological activity or distribution of it's polymorphs. The National Toxicology Program (NTP) classifies crystalline silica as a known carcinogen. Applications and exposure data indicate that exposure to respirable quartz in this product with normal use is well below the OSHA Permissible Exposure Limit (PEL) and ACGIH Threshold Limit Value (TLV). The manufacturer is not aware of any scientific or medical data available indicating that exposure

to respirable crystalline silica from this product under normal conditions of use will cause silicosis or cancer. Adverse effects would not be expected from normal use of this product.

Section 12. Ecological Information

Ecotoxicity: No data available for this product. No adverse effects on the environment are expected.

<u>Chemical</u>	<u>Algae/Aquatic Plants</u>	<u>Fish</u>	<u>Microorganisms</u>	<u>Crustacea</u>
xx	xx	xx	xx	xx

Persistence & Degradability: Bentonite and silica are non-degradable.

Bioaccumulation: Not bioaccumulative.

Mobility in Soil: No data available.

Other Adverse Effects: None currently known.

Section 13. Disposal Considerations

Disposal Instructions: Dispose in accordance with local, state and federal regulations. Unused material is suitable for disposal in sanitary landfill. Used material may be subject to regulation, depending on the nature of the material absorbed. Check with appropriate regulatory authority for used material containing hazardous waste.

Hazardous waste Code: N/A

Waste from Residues/Unused Products: N/A

Contaminated Packaging:

Waste must be disposed of in accordance with federal, state and local environmental control regulations. Consult your local or regional authorities for additional information.

Section 14. Transport Information

<i>Regulatory Information</i>	<i>UN Number</i>	<i>Proper Shipping Name</i>	<i>Classes</i>	<i>PG*</i>	<i>Label</i>
DOT Classification See shipping papers					
IMDG Class					

NOTE: DOT Classification applies to most package sizes. For specific container size classifications or for size exceptions, refer to the Bill Of Lading with your shipment.

PG*: Packing Group

Section 15. Regulatory Information**U.S. Federal Regulations:****SARA 313 toxic chemical notification and release reporting:**

No products found.

CERCLA

Clean Water Act (CWA) 307: No products were found.

Clean Water Act (CWA) 311: No products were found.

Clean Air Act (CAA) 112 Regulated Toxic Substances: No products were found.

All Components of this product are listed or exempt from listing on TSCA Inventory.

TSCA 8(a) IUR: Not determined.

United States Inventory (TSCA 8b): Not determined.

US State Right to Know Regulations

State Regulations

California Prop 65: This product contains respirable crystalline silica which is known to the State of California to cause cancer.

Section 16. Other Information

NFPA: 0,0,0

HMIS: 0,0,0,X

Issue Date: February 16, 2017

Revision Date:

Revision Note:

To the best of our knowledge, the information contained herein is accurate. However, neither the above named supplier nor any of its subsidiaries assumes any liability whatsoever for the accuracy or completeness of the information contained herein.

Final determination of the suitability of any material is the sole responsibility of the user. All materials may present unknown hazards and should be used with caution.

Although certain hazards are described herein, we cannot guarantee that these are the only hazards that exist.

**Note: Hazard Determination System (HDS) ratings are on a 0-4 rating scale, with 0 representing minimal hazards or risks, and 4 representing significant hazards or risks. Although these ratings are not required on MSDS's under 29 CFR 1910.1200, the preparer may choose to provide them. HDS ratings are to be used with a fully implemented program to relay the meanings of this scale.*