SAFETY DATA SHEET

1. Identification

Product Identifier: Odor Ban - Granular
Other means of identification: 
Product code: CU-1760
Recommended use: Odor absorbing granules.
Recommended restrictions: None.
Manufacturer information:
Company name: Chemical Universe, Inc.
Address: 1133 Saline St.
North Kansas City, MO 64116
Telephone: (816) 471-3602
Fax: (816) 474-3302
Emergency phone number: 
24 hour Emergency PERS (800) 633-8253

2. Hazard(s) Identification

Physical hazards: Not classified.
Health hazards: Eye Irritant
Specific target organ toxicity [Single exposure] [Respiratory tract] Category 2A
Specific target organ toxicity [Chronic exposure] Category 3
Environmental hazards: Not classified.
OSHA defined hazards: Not listed.
Label elements:

Signal word: Warning.
Hazard statement: Causes serious eye irritation.
May cause respiratory irritation.
Precautionary statement:
Prevention: Wash hands and exposed skin thoroughly after handling. Wear eye protection/face protection. Avoid breathing dust. Use only in outdoors or in a well-ventilated area.
Response: IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses if present and easy to do. Continue rinsing. If eye irritation persists: Get medical advice/attention. IF INHALED: Remove person to fresh air and keep comfortable breathing. Call a POISON CENTER/doctor/medical professional.
Storage: Store in a well-ventilated place. Keep container tightly closed. Store locked up.
Disposal: Dispose of contents/container in accordance with local/regional/national/international regulations.
Hazard(s) not otherwise classified (HNOC): None.
Supplemental information: None.

3. Composition/information on ingredients

Mixtures

<table>
<thead>
<tr>
<th>Chemical name</th>
<th>CAS number</th>
<th>%</th>
</tr>
</thead>
<tbody>
<tr>
<td>Fullers Earth</td>
<td>8031-18-3</td>
<td>90-100</td>
</tr>
<tr>
<td>Quartz (respirable &lt;1%)</td>
<td>14808-60-7</td>
<td>1-10</td>
</tr>
</tbody>
</table>
4. First-aid measures

**Inhalation**
Move to fresh air. Call a physician if symptoms develop or persist.

**Skin contact**
In case of eczema or other skin disorders: Seek medical attention and take along these instructions.

**Eye contact**
Rinse with water for at least 15 minutes. Remove contact lenses if present and easy to do so. Immediately call a physician or transport to hospital.

**Ingestion**
Rinse mouth.

**Most important symptoms/effects, acute and delayed**
Can cause serious eye irritation. Shortness of breath, respiratory tract irritation or damage.

**Indication of immediate medical attention and special treatment needed**
Provide general support measures and treat symptomatically. Keep victim under observation. Symptoms may be delayed.

**General information**
Ensure that medical personnel are aware of the material(s) involved, and take precautions to protect themselves. Wash contaminated clothing before reuse. Use with extreme caution.

5. Fire-fighting measures

**Suitable extinguishing media**

**Unsuitable extinguishing media**
Do not use water jet as an extinguisher, as this will spread the fire.

**Specific hazards arising from the chemical**
During fire, gases hazardous to health may be formed.

**Special protective equipment and precautions for firefighters**
Self-contained breathing apparatus and full protecting clothing must be worn in case of fire.

**Fire-fighting equipment/instructions**
Move containers from fire area if you can do so without risk.

**Specific methods**
Use standard firefighting procedures and consider the hazards of other involved materials.

**General fire hazards**
No unusual fire or explosion hazards noted.

6. Accidental release measures

**Personal precautions, protective equipment and emergency procedures**
Keep unnecessary personnel away. Keep people away from and upwind of spill/leak. Keep out of low areas. Wear appropriate protective equipment and clothing during clean-up. Avoid inhalation of vapors or mists. Do not touch damaged containers or spilled materials unless wearing appropriate protective clothing. Ensure adequate ventilation. Local authorities should be advised if significant spillages cannot be contained. For personal protection, see section 8 of the SDS.

**Methods and materials for containment and cleaning up**
Large spills: Place the material in containers using a broom or shovel. Prevent entry into waterways, sewer, basements or confined areas. Following product recovery, flush area with water.

Small spills: Sweep up and put into containers. Clean surface thoroughly to remove residual contamination.

Never return spills to original container for re-use. For waste disposal, see section 13 of the SDS.

**Environmental precautions**
Avoid discharge into areas not consistent with package labeling.
7. Handling and storage

Precautions for safe handling  Avoid breathing mist or vapor. Avoid contact with eyes, skin, and clothing. Avoid prolonged exposure. Provide adequate ventilation. Wear appropriate personal protective equipment. Observe good industrial hygiene practices.

Conditions for safe storage, including any incompatibilities  Store in original tightly closed container. Store away from incompatible materials (see section 10 of the SDS).

8. Exposure controls/personal protection

Occupational exposure limits

<table>
<thead>
<tr>
<th>Components</th>
<th>Type</th>
<th>Value</th>
</tr>
</thead>
<tbody>
<tr>
<td>Fullers Earth</td>
<td>TWA</td>
<td>15 mg/m³ (total dust)</td>
</tr>
<tr>
<td>Quartz (respirable &lt;1%)</td>
<td>TWA</td>
<td>5 mg/m³ (respirable fraction)</td>
</tr>
<tr>
<td></td>
<td></td>
<td>10 mg/m³</td>
</tr>
</tbody>
</table>

US ACGIH Threshold Limit Values

<table>
<thead>
<tr>
<th>Components</th>
<th>Type</th>
<th>Value</th>
</tr>
</thead>
<tbody>
<tr>
<td>Quartz (respirable &lt;1%)</td>
<td>TWA</td>
<td>0.025 mg/m³</td>
</tr>
</tbody>
</table>

Biological limit values  Not available.

Appropriate engineering controls  Good general ventilation (typically 10 air changes per hour) should be used. Ventilation rates should be matched to conditions. If applicable, use process enclosures, local exhaust ventilation, or other engineering controls to maintain airborne levels to an acceptable level. It is recommended that users of this product perform a risk assessment to determine the appropriate personal protective equipment.

Individual protection measures, such as personal protective equipment

Eye/face protection  Avoid contact with eyes. Wear safety glasses with side shields (or goggles).

Skin protection

Hand protection  None.

Other  None.

Respiratory protection  Do not breathe dust. In case of insufficient ventilation, wear suitable respiratory equipment.

Thermal hazards  None.

General hygiene considerations  When using do not smoke or use chewing tobacco. Always observe good personal hygiene measures, such as washing after handling the material and before eating, drinking, and/or smoking. Routinely wash work clothing and protective equipment to remove contaminants. Contaminated work clothing should not be allowed out of the workplace.

9. Physical and chemical properties

Appearance

<table>
<thead>
<tr>
<th>Physical State</th>
<th>Color</th>
<th>Odor</th>
<th>Odor threshold</th>
<th>pH</th>
<th>Melting/freezing point</th>
<th>Initial boiling point and boiling range</th>
</tr>
</thead>
<tbody>
<tr>
<td>Granular powder</td>
<td>Gray to tan.</td>
<td>Cherry almond.</td>
<td>Not applicable.</td>
<td>Not applicable.</td>
<td>Not applicable.</td>
<td>Not applicable.</td>
</tr>
</tbody>
</table>
Flash point Not applicable.
Evaporation rate Not available.
Flammability Not available.
Flammability Limits
  Upper Not available.
  Lower Not available.
Vapor pressure Not available.
Vapor density Not available.
Specific gravity (water=1) Not available.
Solubility in water Insoluble.
Partition coefficient (n-octanol/water) Not available.
Auto-ignition temperature Not available.
Decomposition temperature Not available.
Viscosity Not applicable.

10. Stability and reactivity
Reactivity This product is stable and non-reactive under normal conditions of use.
Chemical stability Material is stable under normal conditions. Store in a cool dark place.
Possibility of hazardous reactions Hazardous polymerization does not occur.
Conditions to avoid Avoid storage in elevated temperatures.
Incompatible materials Physical contact between this material and turpentine, hydrofluoric acid, vegetable oil or other unsaturated organic compounds (such as fish oil) may generate heat and/or fire. Do not use this material with these compounds.

Hazardous decomposition products No hazardous decomposition products. In case of fire see section 5.

11. Toxicological information
Information on likely routes of exposure
Ingestion Expected to be a low ingestion hazard.
Inhalation Do not inhale. Irritating to the respiratory tract.
Skin contact Prolonged skin contact may cause mild skin irritation.
Eye contact Can cause serious eye irritation.
Symptoms related to the physical, chemical and toxicological characteristics Coughing, wheezing, shortness of breath.

Acute toxicity Not classified.
Skin corrosion/irritation Not classified.
Serious eye damage/irritation Causes serious eye irritation.
Respiratory sensitization Not considered a respiratory sensitizer.
Skin sensitization Not considered a skin sensitizer.
Germ cell mutagenicity No data available to indicate product or any components present at greater than 0.1% are mutagenic or genotoxic.
Carcinogenicity Not considered a carcinogen.

OSHA Specifically Regulated Substances (29 CFR 1910.1001-1050)
Not Listed.

Reproductive toxicity No data available.
Specific target organ toxicity May cause irritation to the upper respiratory tract with prolonged inhalation.
– single exposure
Specific target organ toxicity No data available.
– repeated exposure
Aspiration hazard No data available.

12. Ecological information

Ecotoxicity No data available.

Persistence and degradability No data available.
Bioaccumulative potential Bioaccumulative potential is low.
Partition coefficient n-octanol/water (log $K_{ow}$) Not available.
Mobility in soil No data available.
Other adverse effects No data available.

13. Disposal considerations

Disposal instructions Collect and reclaim or dispose in sealed containers at licensed waste disposal site. Dispose of contents/container in accordance with local/regional/national/international regulations.
Local disposal regulations Dispose in accordance with all applicable regulations
Hazardous waste code The waste code should be assigned in discussion between the user, the producer and the waste disposal company.
Waste from residues/unused product Dispose of in accordance with local regulations. Empty containers or liners may retain some product residues. This material and its container must be disposed of in a safe manner. (see: Disposal instructions).
Contaminated packaging Empty containers should be taken to an approved waste handling site for recycling or disposal. Since emptied containers may contain product residue, follow label warnings even after container is emptied.

14. Transport information

DOT Not regulated as dangerous goods.

15. Regulatory information

US federal regulations
SARA 302 Extremely hazardous substance Not listed.
SARA 304 Emergency release notification Not listed.
SARA 311/312 Hazard Categories
Immediate Hazard - Yes
Delayed Hazard – No
Fire Hazard – No
Pressure Hazard – No
Reactivity Hazard – No
SARA 313 (TRI reporting) Not listed
16. Other information, including date of preparation or last revision

<p>| | |</p>
<table>
<thead>
<tr>
<th></th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>Issue date</td>
<td>6/9/2015</td>
</tr>
<tr>
<td>Revision date</td>
<td>6/9/2015</td>
</tr>
<tr>
<td>Version #</td>
<td>1</td>
</tr>
<tr>
<td>HMIS® ratings</td>
<td>Health: 1</td>
</tr>
<tr>
<td></td>
<td>Flammability: 0</td>
</tr>
<tr>
<td></td>
<td>Physical hazard: 0</td>
</tr>
<tr>
<td>NFPA ratings</td>
<td>Health: 1</td>
</tr>
<tr>
<td></td>
<td>Flammability: 0</td>
</tr>
<tr>
<td></td>
<td>Instability: 0</td>
</tr>
<tr>
<td>Disclaimer</td>
<td>The information provided in this Safety Data Sheet is correct to the best of our knowledge, and have been obtained from resources believed to be reliable. The information given is designed only as a guidance for safe handling, use, processing, storage, transportation, disposal, and release and is not to be considered a warranty or quality specification. The information related only to the specific material designated and may not be valid for such material used in combination with any other materials or in any process, unless specified by the text.</td>
</tr>
<tr>
<td>Revision information</td>
<td>First issue</td>
</tr>
</tbody>
</table>