1. PRODUCT AND COMPANY IDENTIFICATION

Product Name: **Bio-Pure Evacuation System Cleaner (Powder)**

Manufacturer Information:
Bio-Pure Products, Inc.
P.O. Box 2230
Minden, NV 89423 USA
(+1) 775-265-1515

Email Address: admin@biopureproducts.com

URL: www.biopureproducts.com

Emergency Telephone: Call Bio-Pure Products, Inc. – Toll Free: (+1) 888.596-6546

Recommended Use: Drain Waste Management. Not for human consumption

2. HAZARDS IDENTIFICATION

<table>
<thead>
<tr>
<th>Eyes</th>
<th>May cause irritation</th>
</tr>
</thead>
<tbody>
<tr>
<td>Skin</td>
<td>May cause slight irritation</td>
</tr>
<tr>
<td>Inhalation</td>
<td>Inhalation of dust in high concentrations may cause irritation of respiratory system</td>
</tr>
<tr>
<td>Ingestion</td>
<td>Non-toxic by ingestion</td>
</tr>
<tr>
<td>Physical and chemical hazards</td>
<td>Possible explosive dust hazard typical of fine-powder organic substances.</td>
</tr>
</tbody>
</table>

3. COMPOSITION/INFORMATION ON INGREDIENTS

Description: Powdered Microbial-Cultures and Enzymes

<table>
<thead>
<tr>
<th>Chemical Name</th>
<th>CAS No.</th>
<th>% Composition</th>
<th>OSHA – PEL</th>
<th>ACGIH – TLV-TWA</th>
</tr>
</thead>
<tbody>
<tr>
<td>Whey (as nuisance dust, Total)</td>
<td>92129-90-3</td>
<td>&gt;90%</td>
<td>15mg/m³</td>
<td>10mg/m³</td>
</tr>
<tr>
<td>Hydrated Silicon Dioxide (as nuisance dust, Total)</td>
<td>7631-86-9</td>
<td>&lt;1%</td>
<td>15mg/m³</td>
<td>10mg/m³</td>
</tr>
<tr>
<td>Freeze-dried Microbial Cultures and Enzymes</td>
<td>Trade Secret</td>
<td>Trade Secret</td>
<td>Not Listed</td>
<td>Not Listed</td>
</tr>
</tbody>
</table>

Exact percentages of ingredients, microbial species, and enzyme types are withheld in order to protect trade secrets.
4. **FIRST-AID MEASURES**

- **Eye Contact**: Rinse thoroughly with plenty of water for at least 15 minutes. If irritation persists, consult a physician.
- **Skin contact**: Wash off immediately with plenty of water. If irritation persists, consult a physician.
- **Inhalation**: If respiratory irritation or distress occurs, remove victim to fresh air. Seek medical attention if respiratory irritations or distress continues.
- **Ingestion**: Clean mouth with water and afterwards drink plenty of water. If symptoms persist, call a physician.
- **Notes to Physician**: Treat symptomatically.

5. **FIRE-FIGHTING MEASURES**

- **Flammable properties**: Fine dust dispersed in air in sufficient concentrations, and in the presence of an ignition source is a potential dust explosion hazard.
- **Suitable extinguishing methods**: Use water-spray, fog, carbon-dioxide, foam, or dry chemical.
- **Protective Equipment and Precautions for Firefighters**: As in any fire, wear self-contained breathing apparatus with pressure demand and full protective gear.

6. **ACCIDENTAL RELEASE MEASURES**

- **Personal precautions, protective equipment, and emergency procedures**: Avoid contact with skin and eyes.
- **Methods for containment**: Prevent dust cloud.
- **Methods for cleanup**: Sweep or scoop into suitable container for disposal. Avoid dust formation. After product recovery, flush area with water.

7. **HANDLING AND STORAGE**

- **Precautions for safe handling**: Avoid inhalation, ingestion, and contact with skin and eyes.
- **Conditions for safe storage, including any incompatibilities**: Store in original container. Keep container tightly closed. Check the Product Description for storage temperature.
- **Technical Measures/Precautions**: This product may present a dust explosive hazard, minimize dust generation and accumulation.
8. EXPOSURE CONTROLS / PERSONAL PROTECTION

Exposure Guidelines
OSHA PEL 15mg/m^3 ACGIH TLV 10mg/m^3

Occupational Exposure Controls
Ensure adequate ventilation. Local exhaust ventilation of dust at the point of generation.

Engineering Measures
Handle in accordance with good industrial hygiene and safety practices.

Hygiene Measures
Handle in accordance with good industrial hygiene and safety practices.

Personal Protective Equipment (PPE)

Eye/Face Protection
Tightly fitting safety goggles

Skin and Body Protection
Wear protective gloves/clothing

Respiratory Protection
No protective equipment needed under normal use conditions. If exposure limits are exceeded or irritation is experienced, ventilation, appropriate respirator, or evacuation may be required.

9. PHYSICAL AND CHEMICAL PROPERTIES

<table>
<thead>
<tr>
<th>Property</th>
<th>Value</th>
</tr>
</thead>
<tbody>
<tr>
<td>Appearance</td>
<td>Off-white to tan</td>
</tr>
<tr>
<td>Physical State</td>
<td>Powdered Solid</td>
</tr>
<tr>
<td>Melting/Freezing Point</td>
<td>Unknown</td>
</tr>
<tr>
<td>Flash Point</td>
<td>Unknown</td>
</tr>
<tr>
<td>Flammability</td>
<td>Must be preheated</td>
</tr>
<tr>
<td>Vapor Pressure</td>
<td>Unknown</td>
</tr>
<tr>
<td>Water Solubility</td>
<td>Very Soluble</td>
</tr>
<tr>
<td>Decomposition</td>
<td>Unknown</td>
</tr>
<tr>
<td>Temperature</td>
<td>Unknown</td>
</tr>
<tr>
<td>Odor</td>
<td>Dairy/fermentation product</td>
</tr>
<tr>
<td>pH</td>
<td>6 - 8 (mixed per instruction)</td>
</tr>
<tr>
<td>Boiling Point/Range</td>
<td>Unknown</td>
</tr>
<tr>
<td>Evaporation Rate</td>
<td>Unknown</td>
</tr>
<tr>
<td>Explosion Limits</td>
<td>Unknown</td>
</tr>
<tr>
<td>Density</td>
<td>0.80g/cm^3, tapped</td>
</tr>
<tr>
<td>Autoignition Temperature</td>
<td>Unknown</td>
</tr>
</tbody>
</table>

10. STABILITY AND REACTIVITY

Reactivity
Avoid contact with strong oxidizers

Chemical Stability
Stable

Hazardous Polymerization
Will not occur

Hazardous Decomposition
Combustion results in carbon monoxide and carbon dioxide

Conditions to Avoid
Avoid dust formation, heat, flames, and sparks
11. TOXICOLOGICAL INFORMATION

   Acute Toxicity
   Oral: None Known
   Dermal: None Known
   Inhalation: No data available

   Irritation
   Eye: Dust contact with the eyes can lead to mechanical irritation
   Skin: Prolonged or repeated contact may dry skin or cause irritation.
   Respiratory: Inhalation of dust in high concentrations may cause irritation of the respiratory system.

   Ingestion
   May cause temporary gastrointestinal discomfort

   Sensitization
   May cause sensitization of susceptible persons.

   Effects of Short and Long-Term Exposure
   No data available

   Symptoms of Exposure
   Possible irritation to eyes, skin, or respiratory system

   NTP Report on Carcinogens / IARC Monographs
   Not Listed

   Potential OSHA Carcinogen
   Not Listed

12. ECOLOGICAL INFORMATION

   Persistence and Degradability
   No data available; readily biodegradable components and viable microorganisms

   Eco Toxicological Information
   No data available

   Adverse effects
   None Expected

13. DISPOSAL CONSIDERATIONS

   This material is not considered hazardous wastes according to Federal regulations (40-CFR-261). Consult local, regional, or state regulations for additional requirements.

14. TRANSPORT INFORMATION

   Not classified as dangerous with respect to transport regulations
15. REGULATORY INFORMATION

<table>
<thead>
<tr>
<th>Hazard Rating</th>
<th>HMIS</th>
</tr>
</thead>
<tbody>
<tr>
<td>Health</td>
<td>Flammability</td>
</tr>
<tr>
<td>2</td>
<td>Temporary or minor injury may occur</td>
</tr>
</tbody>
</table>

U.S. Federal Regulations

<table>
<thead>
<tr>
<th>Chemical Name</th>
<th>SARA 313 – Threshold Values</th>
<th>CERCLA/SARA – Section 302 Extremely Hazardous</th>
</tr>
</thead>
<tbody>
<tr>
<td>Freeze-dried Microbial Mixture</td>
<td>Not Listed</td>
<td>Not Listed</td>
</tr>
</tbody>
</table>

U.S. State Regulations

California – This product does not contain any Proposition 65 Chemicals

16. OTHER

<table>
<thead>
<tr>
<th>Issuing Date</th>
<th>07 November 2017</th>
</tr>
</thead>
<tbody>
<tr>
<td>Revision Date</td>
<td>02 November 2020</td>
</tr>
</tbody>
</table>

The information presented herein has been compiled from sources considered to be dependable and is accurate at the date of publication to the best of Bio-Pure Products, Inc.’s knowledge. The information is designed only to be a guide for safe handling, use, processing, storage, transportation, disposal, and release of the product. Bio-Pure Products, Inc.’s makes no warranty whatsoever, expressed or implied, of merchantability or fitness for the particular purpose, regarding the accuracy of such data or the results to be obtained from the use thereof. Bio-Pure Products, Inc. assumes no responsibility for injury to recipient or to third persons or for any damage to any property and recipient assumes all such risks.

END OF SDS