Safety Data Sheet

Section 1. Identification

Product identifier Hydro-Biodigesters Stabilized Liquid

Other means of identification HBD-6, HBD-30, HBD-55

Product Description HBD Hydro-Biodigesters Waste Formula, Liquid, Stabilized

Recommended use Not available.

Recommended restrictions None known.

Manufacturer/Importer/Supplier/Distributor information

Supplier

Company name Hydro Engineering, Inc.

Address 865 W 2600 S
Salt Lake City, UT 84119

Telephone 800-247-8424

Website http://www.hydroblaster.com

Emergency phone number Chemtrec Within US & Canada: 800-424-9300

Section 2. Hazard(s) identification

Eyes May cause irritation

Skin May cause slight irritation

Inhalation N/A

Ingestion Non-toxic by ingestion

Physical and Chemical Hazards N/A

Section 3. Composition/information on ingredients

Description: Liquid Microbial-Cultures and Enzymes

<table>
<thead>
<tr>
<th>Chemical Name</th>
<th>CAS No.</th>
<th>% Composition (wt)</th>
<th>OSHA – PEL</th>
<th>ACGIH – TLV-TWA</th>
</tr>
</thead>
<tbody>
<tr>
<td>Whey</td>
<td>92129-90-3</td>
<td>Trade Secret</td>
<td>15mg/m3</td>
<td>10mg/m3</td>
</tr>
<tr>
<td>Hydrated Silicon Dioxide</td>
<td>7631-86-9</td>
<td>&lt;1%</td>
<td>15mg/m3</td>
<td>10mg/m3</td>
</tr>
<tr>
<td>Guar Gum</td>
<td>900-30-0</td>
<td>&lt;1%</td>
<td>N/A</td>
<td>None</td>
</tr>
<tr>
<td>Citric Acid Anhydrous</td>
<td>77-92-9</td>
<td>&lt;1%</td>
<td>N/A</td>
<td>None</td>
</tr>
<tr>
<td>Sodium Benzoate</td>
<td>532-32-1</td>
<td>&lt;1%</td>
<td>N/A</td>
<td>N/A</td>
</tr>
<tr>
<td>Sodium Propanate</td>
<td>137-40-06</td>
<td>&lt;1%</td>
<td>N/A</td>
<td>N/A</td>
</tr>
<tr>
<td>Freeze-dried microbial cultures and enzymes</td>
<td>Trade Secret</td>
<td>Not Listed</td>
<td>Not Listed</td>
<td></td>
</tr>
<tr>
<td>Water</td>
<td></td>
<td>&gt;98%</td>
<td>N/A</td>
<td>N/A</td>
</tr>
</tbody>
</table>

Exact percentages of ingredients, microbial species, and enzyme types are withheld in order to protect trade secrets.
Section 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  N/A

Ingestion  Clean mouth with water and afterwards drink plenty of water. If symptoms persist, call a physician.

Notes to Physician  Treat symptomatically.

Section 5. Fire-fighting measures

Flammable properties  Not Flammable

Suitable extinguishing methods  N/A

Protective Equipment and Precautions for Firefighters  As in any fire, wear self-contained breathing apparatus with pressure demand and full protective gear.

Section 6. Accidental release measures

Personal precautions, protective equipment, and emergency procedures  Avoid contact with skin and eyes

Methods for containment  Contain as with any other liquid

Methods for cleanup  Sweep, absorb or scoop into suitable container for disposal. After product recovery, flush area with water.

Section 7. Handling and storage

Precautions for safe handling  Avoid 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  N/A

Section 8. Exposure controls/personal protection

Exposure Guidelines  OSHA PEL 15mg/m3 ACGIH TLV 10mg/m3

Occupational Exposure Controls  N/A

Engineering Measures  Ensure secondary containment

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

Personal Protective Equipment (PPE)

Eye/Face Protection  Safety goggles

Skin and Body Protection  Wear protective gloves/clothing

Respiratory Protection  No protective equipment needed under normal use conditions.

Section 9. Physical and chemical properties

Appearance % Odor  Amber liquid with a mild malty odor

Boiling Point  Same as water

Solubility in Water  Complete

Specific Gravity  1.00

Freezing Point  Near water

pH Concentrate  6.5 - 7.5

Volatile  Same as water
Section 10. Stability and reactivity
Reactivity: Avoid contact with strong oxidizers
Chemical Stability: Stable
Hazardous Polymerization: Will not occur
Hazardous Decomposition: N/A
Conditions to Avoid: May be slippery if spilled on flooring

Section 11. Toxicological information
Acute Toxicity
- Oral: None Known
- Dermal: None Known
- Inhalation: No data available

Irritation
- Eye: None Known
- Skin: Prolonged or repeated contact may dry skin or cause irritation.
- Respiratory: N/A

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: None Known

NTP Report on Carcinogens / IARC Monographs: Not Listed

Section 12. Ecological information
Persistence and Degradability: No data available; readily biodegradable components and viable microorganisms
Ecotoxicological Information: No data available
Adverse effects: None Expected

Section 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.

Section 14. Transport information
Not classified as dangerous with respect to transport regulations

Section 15. Regulatory information

<table>
<thead>
<tr>
<th>HMIS</th>
<th>Health</th>
<th>Flammability</th>
<th>Reactivity</th>
<th>PPE</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>2</td>
<td>0</td>
<td>0</td>
<td>E</td>
</tr>
<tr>
<td></td>
<td>Temporary or minor injury may occur</td>
<td>Not Flamable</td>
<td>Normally stable</td>
<td>Safety Glasses Gloves</td>
</tr>
</tbody>
</table>

U.S. Federal Regulations
Chemical Name: Freeze-dried Microbial Mixture
SARA 313 – Threshold Values: Not Listed
CERCLA/SARA – Section 302 Extremely Hazardous: Not Listed

U.S. State Regulations
California – This product does not contain any Proposition 65 Chemicals
Section 16. Other information, including date of preparation or last revision

Issue date 27-September-2002

Revision date 09-December-20

Disclaimer
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