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HYDROBLASTERS - HYDROKLEEN - HYDROPAD

www.hydroblaster.com

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

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

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
Volatility	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

Potential OSHA Carcinogen 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

Hazard Rating

HMIS							
Health		Flammability		Reactivity		PPE	
2	Temporary or minor injury may occur	0	Not Flamable	0	Normally stable	E	Safety Glasses Gloves

U.S. Federal Regulations

Chemical Name	SARA 313 – Threshold Values	CERCLA/SARA – Section 302 Extremely Hazardous
Freeze-dried Microbial Mixture	Not Listed	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

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