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# M.S.D.S.

1. Identification of the substance/preparation and company/undertaking.

NAME BIO-SYSTEMS Bio-Brick MSDS No Bio-Brick USA

Synonyms: bacterial products.

Common uses: waste water treatment and drain cleaner

Supplied by: BIO-SYSTEMS International

1238 E. Inman Pkwy  
Beloit, WI  
53511

Tel: 608-365-9550  
Fax: 608-365-9467  
Emergency No. 800-232-2847  
Emergency No. (24 hours) 608-365-9550

2. Composition/information on ingredients.

<u>Hazardous ingredient / impurity</u>	<u>% Conc.</u>	<u>Classification</u>	<u>Exposure</u>	<u>CAS</u>	<u>EINECS</u>
None					

3. Hazards identification.

Classification:

Bacterial culture non pathogenic

4. First Aid measures.

Immediate medical attention is required in case of exposure by inhalation, contact with skin or eyes, or if swallowed.

<u>Exposure Route</u>	<u>Symptom</u>	<u>Treatment</u>
Inhalation	May cause irritation in a confined area	Remove from exposure, rest and keep warm. In severe cases, or if recovery is not rapid or complete seek medical attention.
Skin Contact	Redness and irritation	Drench the skin with plenty of water. Remove contaminated clothing and wash before reuse. If large areas of the skin are damaged or if irritation persists seek medical attention.
Eye Contact	May cause irritation	Irrigate thoroughly with water for at least 10 minutes. Obtain medical attention.
Ingestion	Irritation of gastrointestinal tract, nausea, diarrhea	Wash out mouth with water. Do not induce vomiting. If patient is conscious, give water to drink. If patient feels unwell seek medical attention.

Immediate Treatment / Antidote: symptomatic treatment

pH	Not Known
Boiling Point/range	Not Applicable
Melting Point/range	Not Applicable
Flash point	Not Determined
Flammability	Not flammable under normal conditions of storage and handling.
Autoignition temperature	Not Applicable
Explosive limits	Not Applicable
Oxidizing Properties	Non
Vapour Pressure	Not Applicable
Specific Gravity	0.92
Solubility in water	Moderate
Solubility in solvent	Not soluble
Partition coefficient	Not Applicable
Viscosity	Not Applicable
Vapour density	Not Applicable
Evaporation rate	Not Applicable
Conductivity	Not Applicable

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**10. Stability & Reactivity.**

**Stability:** Stable under normal storage and handling conditions.

**Conditions to avoid:** None Known

**Materials to avoid:** Acids and Alkalies may inactivate the bacterial cultures.

**Hazardous decomposition products:** oxides of carbon

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**11. Toxicological Information.**

**Toxicological effects:** Low Acute oral toxicity although ingestion will cause irritation of the gastrointestinal tract and may result in nausea and diarrhea. May cause mild mechanical irritation to eyes, skin and mucous membranes. May cause irritation from allergic reaction, especially to people that have a history of allergic reaction.

LD<sub>Lo</sub>

LD<sub>50</sub>

oral-rat

skin-rabbit

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**12. Ecological Information.**

**Environmental Effects:** Minimal impact under normal conditions of use and storage. The bacterial cultures are naturally occurring soil type organisms. The carriers are naturally occurring materials.

**Mobility:** disperses in water

**Degradability:** contents are biodegradable

**Bioaccumulative potential:** Not Known

**Aquatic Toxicity:** Not Known

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**13. Disposal considerations.**

Bio-Brick USA

**Substance:** Via an authorized waste disposal contractor to an approved waste disposal site, observing all local and national regulations.

**Container:** As substance.

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**14. Transport Information.** Not regulated for transport

UN number	Class
Primary Hazard	Subsidiary Hazard
Packing Group	Emergency Action Code
H.I. Number	Marine Pollutant
Proper Shipping name	Water treatment compounds, bacterial culture.

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**15. Regulatory Information.**

Label Name BIO-SYSTEMS Bio-Brick  
Symbols no risk or safety phrases stipulated  
Risk Phrases no risk or safety phrases stipulated  
Safety Phrases no risk or safety phrases stipulated  
E.C. No

**Additional labeling:**

**Use of this material may be governed by the following regulations: -** (users are advised to consult these regulations for further information).

The information contained in this data sheet does not constitute an assessment of workplace risks.

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**16. Other Information.**

This material must not be used for direct contact with food:

Further details may be available upon request from your local BIO-SYSTEMS International distribution site.

Other: The product has been shown to be free of Salmonella and Shigella using the procedures outlined by AOAC and USDA.

**Legal Disclaimer:**

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