1. PRODUCT AND COMPANY IDENTIFICATION

1.1 Product Identifiers
- **Product Name**: Water Column Clarifier
- **Synonyms**: None
- **Product Form**: Liquid

1.2 Relevant identified uses of the substance or mixture and uses advised against
- **Identified uses**: Organic waste control

1.3 Details of the supplier of the safety data sheet
- **Company**: Naturalake Biosciences
  2310 Daniels St.
  Madison WI 53718
  USA
- **Telephone**: +1 888-757-9575
  Monday-Friday
  7:30am-4:00pm CST

1.4 Emergency telephone number
- **Emergency Phone#**: Chemtrec +1 800-424-9300

2. HAZARD IDENTIFICATION

2.1 Classification of the substance or mixture
- **GHS Classification in accordance with 29 CFR 1910 (OSHA HCS)**
  Eye damage/irritation (Category 1)

2.2 GHS Label elements, including precautionary statements
- **Pictogram**: N/A
- **Signal Word**: Warning
- **Hazard Statement(s)**: Causes mild skin irritation.
- **Precautionary Statement(s)**: Avoid breathing dust/mist/vapor/spray. Wear protective gloves/protective clothing/eye protection/face protection. Do not get in eyes, on skin, or on clothing. Wash thoroughly after handling. Do not eat, drink, or smoke while handling.

2.3 Hazards not otherwise classified (HNOC) or not covered by GHS
- **None**

3. COMPOSITION/INFORMATION ON INGREDIENTS
3.1 Substances

Hazardous Components

<table>
<thead>
<tr>
<th>Component</th>
<th>Cas-No.</th>
<th>Concentration %</th>
<th>OSHA PEL</th>
<th>ACGIH TLV</th>
</tr>
</thead>
<tbody>
<tr>
<td>Bacteria Cultures</td>
<td>N/A</td>
<td>17-20%</td>
<td>N/A</td>
<td>N/A</td>
</tr>
</tbody>
</table>

Ingredients not precisely identified are proprietary or non-hazardous. Product formulation consists of a range of naturally occurring microorganisms.

4. FIRST AID MEASURES

4.1 Description of first aid measures

General advice
If concerned consult a physician.

In case of skin contact
Wash exposed area with soap and water.

In case of eye contact
Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. Seek medical attention.

If Inhaled
Remove to fresh air.

If Ingested
May cause nausea or diarrhea, drink plenty of water.

4.2 Most important symptoms and effects both acute and delayed

Possible irritation upon contact.

4.3 Indication of any immediate medical attention and special treatment needed

None. If any symptoms persist, seek medical attention.

5. FIREFIGHTING MEASURES

5.1 Extinguishing media

Suitable extinguishing media
Use water, water spray, foam, carbon dioxide (CO2), or dry powder.

Unsuitable extinguishing media
None

5.2 Special hazards arising from the substance or mixture

None

5.3 Special protective equipment for firefighters

No special protective equipment required.

5.4 Further Information

Flash Point (°C) : No information available
Autoignition temperature (°C) : No information available
6. ACCIDENTAL RELEASE MEASURES

6.1 Personal precautions
No special precautions required. Wear adequate personal protective equipment.

6.3 Method and materials for clean up
Maintain good housekeeping practices. Can be washed away with water. No special disposal method required, except that it be in accordance with current local, state/provincial and federal regulations.

7. HANDLING AND STORAGE

7.1 Precautions for safe handling
Wear personal protection equipment.

7.2 Conditions for safe storage
Risks
Not at risk for corrosion, fire, explosion, or chemical reaction. No special instructions to minimize risks.

Place of storage
Store in a cool, dry space between 50-80°F.

Fire/explosion protection
None needed

7.3 Specific end use
None

8. EXPOSURE CONTROLS / PERSONAL PROTECTION

8.1 Control parameters
Components with work place parameters
None

8.2 Exposure controls
Engineering controls
Handle in accordance with good industrial hygiene and safety practice.

Personal Protective Equipment
Eye/face protection : Protective glasses are recommended
Skin : Hand: Gloves are recommended
          Other: Wear appropriate clothing for work
Respiratory protection : Protective respirator is recommended
Thermal protection : None
Environmental exposure : None

9. PHYSICAL & CHEMICAL PROPERTIES

9.1 Information on basic physical and chemical properties
**Appearance** : Liquid, light tan in color

**Odor** : Natural, yeast like odor

**Solubility** : Highly soluble

**Boiling point** : No information available

**pH** : 7.0-7.5

**Vapor density** : No information available

**Melting point** : No information available

**Vapor pressure** : No information available

**Specific Gravity** : 1.0 @ 25°C

### 9.2 Other information

None

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**10. STABILITY AND REACTIVITY**

10.1 **Reactivity** : None

10.2 **Chemical Stability** : Stable

10.3 **Possibility of hazardous reactions** : None

10.4 **Conditions to avoid** : Strong acids or bases,

10.5 **Incompatible materials** : Strong acids or bases. Acids or alkalis may inactivate bacterial cultures.

10.6 **Hazardous decomposition products** : None

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**11. TOXICOLOGICAL INFORMATION**

11.1 **Information on toxicological effects**

- **Acute toxicity** : No known effects
- **Skin corrosion/irritation** : No known effects
- **Eye damage/irritation** : No known effects
- **Respiratory/skin sensitization** : No known effects, possible allergic sensitization

**CMR (Carcinogenity, Mutagenicity, Reproductive toxicity)** : No known effects

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**12. ECOLOGICAL INFORMATION**
12.1 Toxicity: No known information is available
12.2 Persistence and degradability: No known information is available
12.3 Biaccumulative potential: No known information is available
12.4 Mobility in soil: No known information is available
12.5 Results of PBT and vPvB assessment: No known ecological information is available

### 13. DISPOSAL CONSIDERATIONS

13.1 Waste treatment methods
Product and packaging can be disposed of in regular trash. No special disposal method required. Follow all applicable local laws for recycling, bagging, and disposal of trash.

### 14. TRANSPORTATION INFORMATION

14.1 UN NUMBER: Not relevant
14.2 UN proper shipping name: Not relevant
14.3 Transportation hazard class: Not classified as dangerous
14.4 Packing group: Not relevant
14.5 Environmental hazards: None
14.6 Special precautions: None
14.7 Further Information: None

### 15. REGULATORY INFORMATION

Sara/Title III – CERCLA LIST of Hazardous Substances and Reportable Quantities (40CFR304.4): This product does not contain an ingredient(s) listed as a hazardous ingredient for Emergency Release Notification under section 304

Sara/Title III – List of Extremely Hazardous Substances for Emergency Planning and Notification (40 CFR 300 & 305): This product does not contain an ingredient(s) listed as an extremely hazardous substances (EHS) for Emergency Planning under sections 301-303 and for Emergency Release Notification under section 304.

Sara/Title III – List of Toxic Chemicals subject to Release Reporting (Community Right to Know) (40 CFR 372): This product does not contain an ingredient(s) listed as a toxic chemical for Annual Release Reporting Requirements under section 313.

### 16. OTHER INFORMATION

The information in this SDS was obtained from sources which we believe to be reliable. However, the information is provided without any warranty expressed or implied regarding its correctness. Some
information presented and conclusions drawn herein are from sources other than direct test data on the substance itself.

This SDS was prepared and is to be used only for this product. No representation, warranty, or guarantee of any kind, express or implied, is made as to its accuracy, reliability or completeness. We assume no responsibility for any loss, damage or expense direct or consequential arising out of use. It is the user’s responsibility to satisfy himself as to the suitableness and completeness of such information for his own particular use.