



## SAFETY DATA SHEET

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<b>Product Name:</b>	Aquagenx® GEL EC CFU	
<b>Revision Date</b>	23/04/2024	Revision: 1

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### 1. IDENTIFICATION OF SUBSTANCE, PREPARATION AND COMPANY

#### 1.1 Identification of product

<b>Product Name:</b>	Aquagenx® GEL EC CFU
<b>Product Numbers:</b>	GEL-EC-CFU-25; GEL-EC-CFU-50; GEL-EC-CFU-100

#### 1.2 Use of substance/preparation

<b>Type:</b>	Culture-based microbiological water quality growth media
<b>Usage:</b>	Microbiological water quality testing 100 mL sample of drinking water
<b>Hazards:</b>	No effects anticipated

#### 1.3 Company Identification

<b>Manufacturer:</b>	Aquagenx, LLC PO Box 17181 Chapel Hill, North Carolina 27516 USA <a href="http://www.aquagenx.com">www.aquagenx.com</a> 1+919-590-0343
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#### 1.4 Emergency Number

1+919-590-0343 – Available Monday-Friday, 8:00AM-5:00PM EST USA

### 2. HAZARDS IDENTIFICATION

#### 2.1 Classification of the mixture according to regulation (EC) No. 1272/2008 (CLP/GHS)

This substance does not meet the criteria for classification in accordance with Regulation (EC) No 1272/2008.



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### 2.2 Label Elements

No labelling applicable.

### 2.3 Other Hazard Information

No additional information available

## 3. COMPOSITION/INFORMATION ON INGREDIENTS

### 3.1 Substance

Non-toxic, organic substances. The microbiological growth medium for *E. coli* detects  $\beta$ -glucuronidase.

### 3.2 Mixtures

The concentration of substrate in growth media is a proprietary trade secret.

List of hazard classes: not applicable

## 4. FIRST AID MEASURES

<b>Eye Contact:</b>	Immediately flush eyes with water for 15 minutes. Call physician if irritation develops.
<b>Skin Contact (First Aid):</b>	Wash skin with plenty of water.
<b>Ingestion (First Aid):</b>	Give 1-2 glasses of water. If you feel unwell, contact a physician.
<b>Inhalation:</b>	None required



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### 5. FIRE-FIGHTING MEASURES

#### 5.1 Extinguishing media

<b>Flammable Properties:</b>	Material will not burn
<b>Hazardous Combustion Products:</b>	Material will not burn
<b>Fire / Explosion Hazards:</b>	None reported
<b>Static Discharge:</b>	None reported
<b>Mechanical Impact:</b>	None reported
<b>Extinguishing Media:</b>	Use media appropriate to surrounding fire conditions
<b>Extinguishing Media NOT to Be Used:</b>	Not applicable

#### 5.2 Special hazards arising from the substance or mixture

No additional applicable information available

#### 5.3 Advise for firefighters

As in any fire, wear self-contained breathing apparatus pressure-demand and full protective gear. Evacuate area and fight fire from a safe distance.

Collect in absorbent material such as granules, or dry sand. Dispose of in a manner consistent with federal, state, and local regulations.

### 6. ACCIDENTAL RELEASE MEASURES

#### 6.1 Personal precautions, protective equipment, and emergency procedures

<b>Personal Protective Equipment:</b>	Not applicable
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<b>Eye Protection:</b>	Safety glasses with top and side shields if needed
<b>Skin/Hand Protection:</b>	Disposable latex gloves
<b>Inhalation Protection:</b>	Adequate ventilation
<b>Precautionary Measures:</b>	Avoid contact with eyes. Wash thoroughly after handling.

### **6.2 Environmental precautions**

There are no applicable environmental precautions.

### **6.3 Methods and material for containment and cleaning up**

There are no applicable specific requirements of cleanup or containment.

## **7. HANDLING AND STORAGE**

### **7.1 Handling**

Avoid contact with eyes. Wash thoroughly after handling. Maintain general industrial hygiene practices when using this product.

### **7.2 Storage**

Store growth media at 4-25 degrees Celsius in a dry environment.

### **7.3 Handling instructions for specific uses**

No applicable special instruction for specific use



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### 8. EXPOSURE CONTROL / PERSONAL PROTECTION

#### 8.1 Control parameters

**Engineering Controls:** Have an eyewash station nearby if needed. Maintain general industrial hygiene practices when using this product.

**TLV:** Not established

**PEL:** Not established

**EU Occupational Exposure Limits:** Not established

#### 8.2 Individual protection measures/Personal protective equipment

Wear thin, disposable plastic gloves when handling growth media.

### 9. PHYSICAL AND CHEMICAL PROPERTIES

<b>Appearance:</b>	Yellowish powder
<b>Physical State:</b>	Powder
<b>Odor:</b>	Not determined
<b>pH:</b>	Not applicable
<b>Vapor Pressure:</b>	Not determined
<b>Vapor Density (air = 1):</b>	Not determined
<b>Boiling Point</b>	Not determined
<b>Melting Point:</b>	Not applicable
<b>Flash Point:</b>	Not applicable
<b>Method:</b>	Not applicable



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<b>Autoignition Temperature:</b>	Not applicable
<b>Flammability Limits:</b>	Not determined
<b>Lower Explosion Limits:</b>	Not applicable
<b>Upper Explosion Limits:</b>	Not applicable
<b>Evaporation Rate (water = 1):</b>	Not determined
<b>Volatile Organic Compounds Content:</b>	Not applicable
<b>Partition Coefficient (n-octanol / water):</b>	Not applicable
<b>Solubility:</b>	Water

## 10. STABILITY AND REACTIVITY

<b>Chemical Stability:</b>	Stable when stored under proper conditions
<b>Conditions to Avoid:</b>	Extreme temperatures
<b>Reactivity / Incompatibility:</b>	None reported
<b>Hazardous Decomposition:</b>	None reported
<b>Hazardous Polymerization:</b>	Will not occur

## 11. TOXICOLOGICAL INFORMATION

No applicable hazards as defined in Regulation (EC) No 1272/2008.



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### 11.1 Toxicity - Product Toxicological Data

<b>LD50</b>	None reported
<b>LC50</b>	None reported
<b>Dermal Toxicity Data:</b>	None reported
<b>Skin and Eye Irritation Data:</b>	None reported
<b>Mutation Data:</b>	None reported
<b>Reproductive Effects Data:</b>	None reported
<b>Ingredient Toxicological Data</b>	No toxicological data available for the ingredients of this product. This product does NOT contain any IARC listed chemicals.

## 12. ECOLOGICAL INFORMATION

After water quality test results are scored, decontaminate the sample by adding 4 mL of liquid bleach (NaOCl) or sufficient chlorine tablets (calcium hypochlorite or sodium dichloroisocyanurate) to sample to provide about 200 milligrams of free chlorine. After 30 minutes, pour contents into a sink, toilet or hole in ground and safely dispose test bags with solid waste.

## 13. DISPOSAL CONSIDERATIONS

The components of Aquagenx CBT EC+TC are not listed as RCRA D, F, P or U Series hazardous wastes. Solid waste containing Aquagenx CBT EC+TC should be disposed of in a manner consistent with federal, state and local regulations.



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### 14. TRANSPORTATION INFORMATION

Aquagenx® CBT EC+TC is not regulated by RID, USDOT, ADN, IMDG, ICAO, ICAO/IATA, ADR, or IMO as hazardous material or dangerous goods.

UN number	Not applicable (not a dangerous good or article)
ID number	Not applicable (not a dangerous good or article)
UN proper shipping name	Not applicable
Schedule B tariff code	3821000000: Prepared culture media for development of microorganisms

### 15. REGULATORY INFORMATION

#### National Inventories

**EEC Inventory Status:** All ingredients used to make this product are listed on EINECS / ELINCS

**EEC Number:** Not applicable

#### EEC Label Copy

**EU Symbols:** Not applicable

**R PHRASES:** Not applicable

**S PHRASES:** Not applicable





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### 16. OTHER INFORMATION

**Use of Substance/Preparation**      Microbiological testing

**User Responsibility**                Each user should read and understand this information and incorporate it in individual site safety programs in accordance with applicable hazard communication standards and regulations.

### 17. CHANGE LOG

#### Document Version History

Version	Date	Details
1	24/04/2024	Created due to a request for EU standard datasheet

The information provided in this SDS is on data considered to be accurate. However, no warranty is expressed or implied regarding the accuracy of these data or the results to be obtained from the use thereof.

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**Business Operations Manager**  
**Aquagenx, LLC**