



SAFETY DATA SHEET

Product Name:	Aquagenx® CBT EC+TC	
Revision Date	23/04/2024	Revision: 1

1. IDENTIFICATION OF SUBSTANCE, PREPARATION AND COMPANY

1.1 Identification of product

Product Name:	Aquagenx® CBT EC+TC
Product Numbers:	CBT-ECTC-PA-25; CBT-ECTC-PA-50; CBT-ECTC-PA-100; CBT-ECTC-MPN-25; CBT-ECTC-MPN-50; CBT-ECTC-MPN-100

1.2 Use of substance/preparation

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

1.3 Company Identification

Manufacturer:	Aquagenx, LLC PO Box 17181 Chapel Hill, North Carolina 27516 USA www.aquagenx.com 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.



SAFETY DATA SHEET

Product Name:	Aquagenx® CBT EC+TC	
Revision Date	23/04/2024	Revision: 1

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 substrate in the growth media is X-Gluc.

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

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

5. FIRE-FIGHTING MEASURES

5.1 Extinguishing media

Flammable Properties:	Material will not burn
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SAFETY DATA SHEET

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

Personal Protective Equipment:	Not applicable
Eye Protection:	Safety glasses with top and side shields if needed
Skin/Hand Protection:	Disposable latex gloves
Inhalation Protection:	Adequate ventilation



SAFETY DATA SHEET

Product Name:	Aquagenx® CBT EC+TC	
Revision Date	23/04/2024	Revision: 1

Precautionary Measures: 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

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.



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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

Appearance:	Yellowish powder
Physical State:	Powder
Odor:	Not determined
pH:	Not applicable
Vapor Pressure:	Not determined
Vapor Density (air = 1):	Not determined
Boiling Point	Not determined
Melting Point:	Not applicable
Flash Point:	Not applicable
Method:	Not applicable
Autoignition Temperature:	Not applicable
Flammability Limits:	Not determined
Lower Explosion Limits:	Not applicable
Upper Explosion Limits:	Not applicable



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Evaporation Rate (water = 1): Not determined

Volatile Organic Compounds Content: Not applicable

Partition Coefficient (n-octanol / water): Not applicable

Solubility: Water

10. STABILITY AND REACTIVITY

Chemical Stability: Stable when stored under proper conditions

Conditions to Avoid: Extreme temperatures

Reactivity / Incompatibility: None reported

Hazardous Decomposition: None reported

Hazardous Polymerization: Will not occur

11. TOXICOLOGICAL INFORMATION

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

11.1 Toxicity - Product Toxicological Data

LD50	None reported
LC50	None reported
Dermal Toxicity Data:	None reported
Skin and Eye Irritation Data:	None reported
Mutation Data:	None reported



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Reproductive Effects Data:	None reported
Ingredient Toxicological Data	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.

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



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Revision Date	23/04/2024	Revision: 1

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

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.



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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.

Donald G. Hirsh
Business Operations Manager
Aquagenx, LLC