

# SAFETY DATA SHEET

## AquaVial E. Coli and Coliform Test Kit

SDS N0: ESD – 013

Version:03

Print Date: November 1, 2024

### 1. Substance and Manufacturer's /distributor's Identification

Product Identification	
<b>Product Name</b>	AquaVial Well Water Testing Kit for E-coli & Coliform (AVE) AquaVial Coliform Water Test Kit (AVC)
<b>SKU for Kits (# of Test)</b>	AVE-002 AVE-004 AVE-006 AVE-008 AVE-025 AVC-004
<b>Product description</b>	AquaVial E. Coli & Coliform Water Test Kit with light yellow dry media in vials
<b>Last revision date</b>	31-Oct-2024
<b>Recommended use</b>	Testing for water contamination with E-Coli and Coliform bacteria
<b>Restrictions on Use</b>	Not any
Manufacturer Identification	
<b>Manufacturer's Name</b>	ExactBlue Technologies Inc
<b>Address of manufacturer</b>	1111 Franklin Blvd, Cambridge, ON, N1R 8B5
<b>Phone Number</b>	1-866- 574-8929, 1- 613-996-6666 (emergency)
<b>Email:</b>	support@exactblue.com

### 2. Hazard(s) Identification

- **Signal word:** Expected to produce no significant adverse health effects when the recommended instructions for use are followed
- **Symbols:** Not any
- **Classified as hazardous materials under GHS:** While this material is not considered hazardous by the OSHA Hazard Communication Standard (29 CFR 1910.1200), this MSDS contains valuable information critical to the safe handling and proper use of the product
- **GHS Classification:**

<b>Health:</b>	To protect from any health hazard, take precautionary measures as described in SDS. <b>Skin:</b> Nonirritant <b>Eyes:</b> May cause eye irritation if comes in contact with eyes. <b>Lungs:</b> None <b>Ingestion:</b> None
<b>Environmental</b>	None
<b>Hazard Statements</b>	None required
<b>Precautionary Statements</b>	Follow the precautionary measures while handling as give in SDS

### 2. Composition and Information on Ingredients

- Compositions/information of chemical ingredients: None of the ingredients are classified as hazardous materials under GHS. Other parts of the kit have no health hazard for the intended use.

### 4. First-Aid Measures

- No known significant effects or critical hazards are reported.
- Avoid prolonged contact with eyes, skin and clothing. On accidental contact, take first aid measures such as:

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- **Eyes:** Flush eyes thoroughly with water as a precaution.
- **Skin:** Wash off with soap and plenty of water.
- **Ingestion:** If excessive product is ingested, rinse mouth with water, and give person 3-4 glasses of water.
- **Note:** Never give anything by mouth to an unconscious person.
- **Inhalation:** Remove victim to fresh air. Consult physician if allergic reaction occurs.

#### 5. Firefighting Measures

- Not inflammable & noncombustible
- Any chemical hazard from fire:
- Does not contain any hazardous combustion products
- Use any means suitable for extinguishing surrounding fire.

#### 6. Accidental Release Measures

- No need of emergency procedure for accidental release.
- Use of PPEs if required e.g., gloves and face mask
- Proper method of containment and clean up should be followed if accidental release
- Collect using sand or an absorbent material and dispose with general waste

#### 7. Handling and Storage

- Keep in a tightly closed container
- Store at a cool, dry, ventilated area away from direct light
- Protect against physical damage

#### 8. Exposure Controls and Personal Protection

- **Respiratory protection:** Not required during normal use.
- **Eye protection:** Not required during normal use.
- **Skin protection:** Not required during normal use.
- **Other protective clothing or equipment:** Not required during normal use.
- No need of appropriate engineering control or PPEs

#### 9. Physical and Chemical Properties

Properties	Reagent Vial /dry substance in vial or cap
Appearance	Dry yellow media, dry powder
Odour	Odourless
PH	6-8 in 1% aqueous solution
Boiling point	Not Available
Freeze point	Not Available
Evaporation Rate	Not Available
Specific Gravity	Not Available
Solubility	Not Available

#### 10. Stability and Reactivity

- **Stability:** Stable under normal conditions or not
- Possibility of Hazard Reaction: **Not any**
- **Conditions to reactivity:** Not available
- **Incompatibility (materials to avoid):** High concentration of salts, acid or base

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- **Hazardous decomposition products:** Mention if any

#### 11. Toxicological Information

- Acute and Chronic effects: No effects
- Any route of exposure if related to toxic effects: None
- Numerical measures of toxicity: LD50 > 2000 mg/kg in Rats

#### 12. Ecological Information

- Not available.

#### 13. Disposal Considerations

- Dispose off in a garbage, used and unused contents in accordance with municipal, provincial and federal regulations.

#### 14. Transport Information

- As non-regulated product or substance

#### 15. Regulatory Information

- **WHMIS category:** It is not classified as hazardous material
- Substances of Very High Concern: Not any
- Restricted substances under EC 1907/2006, Annex XVII: Not any
- Substances listed under Annex I of Regulation (EC) No 689/2008: No information available.
- Restricted substances under Annex V of Regulation (EC) No 689/2008: None.
- Classification and procedure used to derive the classification for mixtures according to Regulation (EC) 1272/2008 [CLP]: Not classified
- **Other International Inventories:** No information available
- **Chemical Safety Assessment:** No Chemical safety assessment has been carried out.

#### 16. Other Information

- **Date of SDS preparation or last revision:** 29- Oct-2024
- **Prepared by:** Research and QA Department, ExactBlue Technologies Inc.
- **References:**
- <https://www.osha.gov/sites/default/files/publications/OSHA3514.pdf>
- <https://www.canada.ca/en/health-canada/services/environmental-workplace-health/occupational-health-safety/workplace-hazardous-materials-information-system.html>
- [https://www.chemsafetypro.com/Topics/GHS/GHS\\_safety\\_data\\_sheets.html#:~:text=Core%20Content%20of%20A%20GHS%20Safety%20Data%20Sheet,8%20Section%208%20Exposure%20controls%2Fpersonal%20protection%3B%20More%20items](https://www.chemsafetypro.com/Topics/GHS/GHS_safety_data_sheets.html#:~:text=Core%20Content%20of%20A%20GHS%20Safety%20Data%20Sheet,8%20Section%208%20Exposure%20controls%2Fpersonal%20protection%3B%20More%20items)
- <https://eur-lex.europa.eu/legal-content/EN/AUTO/?uri=celex:32008R1272>
- <https://eur-lex.europa.eu/legal-content/EN/TXT/?uri=CELEX:32008R0689>

"The above information was acquired by diligent search and/or investigation and the recommendations are based on prudent application of professional judgment. The information shall not be taken as being all inclusive and is to be used only as a guide. All materials and mixtures may present unknown hazards and should be used with caution. Since the Company cannot control the actual methods, volumes, or conditions of use, the Company shall not be held liable for any damages or losses resulting from the handling or from contact with the product as described herein.

#### Disclaimer

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