

SDS No: ESD – 023

Version:1

Print Date: October 30, 2024

1. Substance and Distributer’s Identification

Product Identification	
Product Name	Monarch Waterline Test Kit
SKU	H6992
Product description	15 minute in-office dental water test for microbial testing
Last revision date	October 30, 2024
Recommended use	Determination of microbial contamination in water
Restrictions on Use	Not any
Identification	
Distributor’s Name	Air Techniques, Inc.
Address of manufacturer	1295 Walt Whitman Road, Melville, NY 11747
Phone Number	Contact: 516-433-7676; Emergency: CHEMTREC 800-424-9300
Email:	

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:**

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

3. Composition and Information on Ingredients

- Compositions/information of chemical ingredients: VMB is total bacteria testing reagent vial and VMN is saline vial with blue lid. 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:
 - **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.

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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 for 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	Blue lid Normal Saline Vial
Appearance	Pink transparent solution	Colourless solution
Odour	Odour less	Odour less
PH		5.5 – 7.5
Boiling point		110 ° C
Freeze point		- 10° C
Evaporation Rate		Not available
Vapour Pressure		Not available
Specific Gravity		1.0 – 1.2
Solubility		Not available

10. Stability and Reactivity

- **Reactivity:** The product is non-reactive under normal conditions of use, storage and transport.
- **Stability:** Stable under normal conditions
- **Possibility of Hazard Reaction:** No dangerous reactions known under normal conditions of use.
- **Conditions to reactivity:** Not available
- **Incompatibility (materials to avoid):** High concentration of salts, acid or base
- **Hazardous decomposition products:** None

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

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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://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.

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