



MicroBioLogics®

KWIK-STIK™ Microorganism Hydrating Fluid

SECTION 1 – GENERAL INFORMATION

Manufacturer's Name: MicroBioLogics, Inc.

Emergency Telephone Number: 320-253-1640

Address: 217 Osseo Avenue North,
St. Cloud, Minnesota 56303

Chemical Name or Synonyms: Hydrating Fluid

Tradename Name: Each KWIK- STIK™ Device contains a reservoir of Hydrating Fluid

Formula: The Hydrating Fluid consists of: Sodium chloride, Potassium chloride, Calcium chloride, Magnesium chloride, Monopotassium phosphate, Disodium phosphate, Sodium thioglycolate, and Deionized water.

SECTION 2 – HAZARDOUS INGREDIENTS

Paints, Preservatives, & Solvents: N/A

Alloys and Metallic coatings: N/A

Hazardous Mixtures of other liquids, solids, or gases: N/A

SECTION 3 – PHYSICAL DATA

Boiling Point: N/A

Vapor Pressure: N/A

Vapor Density: N/A

Solubility in Water: N/A

Specific Gravity: N/A

Percent Volatile: N/A

Evaporation Rate: N/A

Appearance and Odor: The Hydrating Fluid is a clear, aqueous solution contained within an ampoule in the KWIK-STIK™ device. There is no specific odor associated with the hydrating fluid.

SECTION 4 – FIRE AND EXPLOSION HAZARD DATA

Flash Point: N/A

Flammable Limits: N/A

SECTION 5 – HEALTH HAZARD DATA

The Hydrating Fluid is a sterile fluid and, by itself, does not pose any hazardous threats. The Hydrating Fluid when used to hydrate the lyophilized microorganism preparation will create a suspension that does contain microorganisms, which under certain conditions, could lead to an infectious process. It is anticipated that "technically qualified individuals" working in microbiology laboratories (those individuals who, because of professional or technical education, training or experience, understand the hazards prior to exposure) are aware of the potential biohazards and deal with the biohazards as an integral part of their standard operational procedures.

**SECTION 6 – REACTIVITY DATA**

Stability: The product is stable if the proper storage conditions are met.

Incompatibility: N/A

Hazardous Decomposition Products: N/A

Hazardous Polymerization: N/A

SECTION 7 - SPILL OR LEAK PROCEDURES

Steps to be taken in case material is spilled or released: IF hydration of the lyophilized microorganism preparation has NOT occurred, no action is required. IF hydration of the lyophilized microorganism preparation HAS occurred, notify **ALL** people working in the immediate area of the incident. Put on latex and/or latex free gloves. With tweezers, pick up as much material as possible and carefully place the materials into a biohazard container. Immediately, saturate the spill or leak with an aqueous germicidal solution. Keeping the spill area moist with the germicidal solution for the appropriate amount of time as indicated on the germicidal solution used. Wipe up the spill or leak and dispose into a biohazard container. Following cleanup, carefully remove the gloves and place into the biohazard container. Seal the biohazard container. Dispose of the biohazard container in compliance with regulatory requirements.

Waste Disposal Method: Precautions should be taken against microbial hazard. Sterilize or incinerate any materials that have been used during processing of these materials.

SECTION 8 – SPECIAL PROTECTION INFORMATION

Respiratory Protection: The Hydrating Fluid used together with the lyophilized microorganism preparation indicates that the use of biosafety cabinets and the prevention of aerosols must be dictated by the standard operational procedures of each individual laboratory.

Protective Clothing: The Hydrating Fluid used together with the lyophilized microorganism preparation indicates that the use of gloves, moisture impervious aprons, and other protective clothing must be dictated by the standard operational procedures of each individual laboratory.

SECTION 9 – SPECIAL PRECAUTIONS

The Product Insert, which accompanies the distribution of each product, contains specific information regarding specific precautions.

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**U.S. Department of Labor
Occupation Safety and Health Administration**