



**MicroBioLogics®**  
**EZ-CFU™, EZ-CFU™ ONE STEP and EZ-PEC™**  
**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 kit of EZ-CFU™, EZ-CFU™ ONE STEP, and EZ-PEC™ contains ten (10) vials of Hydrating Fluid.  
**Formula:** The Hydrating Fluid consists of Potassium Phosphate Monobasic 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**

<b>Boiling Point:</b>	N/A	<b>Vapor Pressure:</b>	N/A
<b>Vapor Density:</b>	N/A	<b>Solubility in Water:</b>	N/A
<b>Specific Gravity:</b>	N/A	<b>Percent Volatile:</b>	N/A
<b>Evaporation Rate:</b>	N/A		

**Appearance and Odor:** The Hydrating Fluid is a clear, aqueous solution contained within a screw-cap vial.

**SECTION 4 – FIRE AND EXPLOSION HAZARD DATA**

**Flash Point:** N/A      **Flammable Limits:** N/A

**SECTION 5 – HEALTH HAZARD DATA**

The Hydrating Fluid, by itself, does not pose a hazardous threat. The Hydrating Fluid when used to hydrate the lyophilized microorganism does 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 hazards and deal with the hazards as integral part of their standard operational procedures. Manifestations resulting from exposure (i.e. inhalation or transdermal introduction) are variable.

**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 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 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**