





KWIK-STIK™, KWIK-STIK™ Plus and Lab-Elite™ CRM Hydrating Fluid

SECTION 1: IDENTIFICATION

KWIK-STIK™, KWIK-STIK™ Plus and Lab-Elite™ CRM Hydrating Fluid

 Microbiologics, Inc.
200 Cooper Avenue North
St. Cloud, Minnesota 56303 USA
 320-253-1640

SECTION 2: HAZARDS INSTRUCTIONS

GHS Classification: Eye Irritant (Category 2)

Signal word: Warning

Pictogram:



Hazard Statement: H319: Causes serious eye irritation.

Precautionary Statements: P264: Wash hands thoroughly after handling.
P280: Wear protective gloves/protective clothing/eye protection/face protection.
IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue Rinsing. If irritation persists: Get medical advice/attention.

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

HMIS Classification: Health Hazard: 2
Flammability: 0
Physical Hazards: 0

NFPA Rating: Health hazard: 2
Fire: 0
Reactivity Hazard: 0

SECTION 3: COMPOSITION/INFORMATION ON INGREDIENTS

Each orange stick contains a reservoir of hydrating fluid. The hydrating fluid consists of sodium chloride, potassium chloride, calcium chloride, magnesium chloride, monopotassium phosphate, disodium phosphate, sodium thioglycolate and deionized water.

SECTION 4: FIRST AID MEASURES

Eyes: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue Rinsing. If irritation persists: Get medical advice/attention.

SECTION 5: FIRE-FIGHTING MEASURES

N/A

SECTION 6: ACCIDENTAL RELEASE MEASURES

If hydration of the lyophilized microorganism preparation has not occurred, no action is required. If hydration of the lyophilized microorganism preparation has occurred, please see LIT.115, Biohazard Cleanup on our website at www.microbiologics.com → Support Center → Document Library→ Supplemental Information.

SECTION 7: HANDLING AND STORAGE

Store the product at 2°C-8°C in the original sealed container.

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.

Proper techniques must be employed to avoid exposure and contact with microorganism growth, and rehydrated pellet suspensions. The microbiology laboratory must be equipped, and have the facilities to receive, process, maintain, store and dispose of biohazard material. The microbiology laboratory personnel using these devices must be trained, experienced, and demonstrate proficiency in processing, maintaining, storing and disposing of biohazard material.

SECTION 8: EXPOSURE CONTROLS/PERSONAL PROTECTIVE EQUIPMENT

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: PHYSICAL AND CHEMICAL PROPERTIES

Clear, colorless, aqueous solution.

SECTION 10: STABILITY AND REACTIVITY

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

SECTION 11: TOXICOLOGICAL INFORMATION**Information on toxicological effects:**

Acute Toxicity:	LD50 Oral: rat - 2,301 mg/kg (OECD Test Guideline 401) Inhalation: no data available Dermal: no data available
Skin Corrosion/Irritation:	Skin: rabbit Result: No skin irritation
Serious Eye Damage/Eye Irritation:	Eyes: rabbit Result: Moderate eye irritation (OECD Test Guideline 405)
Respiratory or Skin Sensitization:	No data available
Germ cell mutagenicity:	Rat Unscheduled DNA synthesis
Carcinogenicity:	IARC, ACGIH, NTP, and OSHA: No components of this product present at level greater than or equal to 0.1% is identified as probable, possible or confirmed human carcinogen.
Reproductive Toxicity:	No data available
Specific Target Organ Toxicity-Single Exposure:	No data available
Specific Target Organ Toxicity-Repeated Exposure:	No data available
Aspiration Hazard:	No data available

SECTION 12: ECOLOGICAL INFORMATION

Toxicity to Fish:	LC50: Lepomis macrochirus - 10,650 mg/l - 96 h
Toxicity to Daphnia and Other Aquatic Invertebrates:	EC50: Daphnia magna (Water flea) - 2,400 mg/l - 48 h (OECD Test Guideline 202)

SECTION 13: DISPOSAL CONSIDERATIONS

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.

The lyophilized materials, rehydrated pellet suspensions, and subsequent growth of these microorganisms on culture media, are considered to be biohazard material. Agencies and statutes regulate the disposal of all biohazard materials. Each laboratory must be aware of, and comply with, the proper disposal of biohazard materials.

SECTION 14: TRANSPORT INFORMATION

Because this hydrating fluid is contained in a unit that also contains a lyophilized microorganism pellet, refer to national and international regulations regarding the shipment and transport of biohazard materials. UN Classification: UN3373 Biological Substance, Category B for Microbiologics lyophilized microorganism pellets. Select Microbiologics catalog numbers may be shipped according to UN2814, Infectious Substances. Refer to TIB.2023 Strains Shipped UN2814 for the complete list of microorganisms shipped according to UN2814.

SECTION 15: REGULATORY INFORMATION

OSHA Hazards:	No known OSHA hazards
SARA 302 Components:	SARA 302: No chemicals in this material are subject to reporting requirements of SARA Title III, Section 302
SARA 313 Components:	SARA 313: No chemicals in this material are subject to reporting requirements of SARA Title III, Section 313
SARA 311/312	No SARA hazards
California Prop. 65:	This product does not contain chemicals known to the state of California to cause cancer, birth defects, or any other reproductive harm.

SECTION 16: OTHER INFORMATION

N/A

The statements contained herein are offered for informational purposes only and are intended to be followed only by persons having related technical skills and at their own discretion and risk. Since conditions and manner of use are outside of our control, we make no warranties, expressed or implied, and assume no liability in connection with any use of this information.

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