



## FoodChek Systems Inc. *Material Safety Data Sheet*

### Section 1- Product and Company Information

<b>Product Name</b>	Phosphate Buffer, pH 7.2
<b>Catalog Number</b>	FCM-033, FCM-034
<b>Manufacturer</b>	Microbiology International
<b>Address</b>	5111 Pegasus Ct/Suite H
<b>Phone</b>	301-662-6835
<b>Emergency Phone</b>	1-800-396-4276

### Section 2- Composition/Information on Ingredients

#### Chemical Characterization

**Description:** This product contains no hazardous constituents or the concentration of all chemical constituents are below the regulatory threshold limits described by Occupational Safety Health Administration Hazard Communication Standard 29 CFR 1910.1200 and the European Directive 91/155/EEC, 88/379/EEC, and 67/546/EEC.

**Classification System:** The classification was made according to the latest editions of international substances lists, and expanded upon from company and literature data.

#### NFPA ratings (scale 0-4)

Health = 0

Fire = 0

Reactivity = 0

### Section 3- First Aid Measures

<b>General Information:</b>	No Special measures required.
<b>Inhalation</b>	Seek medical treatment in case of complaints
<b>Ingestion</b>	If symptoms persist consult doctor.
<b>Skin Contact</b>	Immediately wash with water and soap and rinse thoroughly.
<b>Eye Contact</b>	Rinse opened eye for several minutes under running water. If symptoms persist, consult a doctor.
<b>Information for doctor:</b>	Show this sheet

## Section 4- Fire Fighting Measures

### **Suitable Extinguishing Media** **Protective Equipment**

Water Spray, Carbon Dioxide, dry Chemical Powder, or appropriate foam.

Wear self-contained breathing apparatus and protective clothing to prevent contact with skin and eyes. Emits toxic fumes under fire conditions. Firefighters should wear protective equipment and self-contained breathing apparatus..

## Section 5- Accidental Release Measures

### **Personal Precautions**

Shut off all sources of ignition, ventilate spill area. Consider need for evacuation. Wear suitable protective clothing, gloves, and eye protection. Avoid inhalation and contact with skin and eyes. Wear self-containing breathing apparatus, rubber boots, and heavy rubber gloves. Place contaminated material in a chemical waste container.

### **Methods for Clean Up**

Contact safety officer and ventilate area. Absorb spill with inert material, including dry-lime, sand, or soda ash, then place into a chemical waste container using non-sparking tools. Wash spill site after material pickup is Complete.

## Section 6- Handling and Storage

### **Safe Handling**

Prevent formation of dust. Ensure good ventilation / exhaustion and do not breathe vapor. Avoid contact with eyes, skin, and clothing. Avoid prolonged or repeated exposure. Do not use if skin is cut or scratched.

### **Protection against explosives & fire** **Storage**

No special Measures required.

**Requirements to be met by storerooms and receptacles:** <30 C

**Information about storing conditions:**

Store in a cool, dry condition in well sealed receptacle.

**Class according to regulations on flammable liquids:** Void



## Section 7- Exposure Controls and Personal Protective Equipment

**Engineering Controls** This product does not contain any relevant quantities of materials with critical values that have to be monitored at the workplace.

**Personal Protective Equipment** Uniform, lab coat, or disposable lab wear.

**Components with limit values that require monitoring at the workplace:**

This product does not contain any relevant quantities of materials with critical values that have to be monitored at the workplace.

**Respiratory** In case of brief exposure, use a chemical fume hood or a NIOSH/MSHA approved respiratory. In case of intensive or longer exposure use respiratory protective device that is independent of circulation air.

**Hand** Compatible chemical-resistant gloves.

**Eye** Safety glasses or chemical goggles to EN 166, 167, and 168.

## Section 8- Toxicological Information

**Additional Toxicological Information**

**Acute toxicity:** none

**Primary irritant effect:**

**on the skin:** No irritant effect.

**on the eye:** No irritant effect.

**Sensitization:** No sensitizing effects known

**Additional toxicological information:**

When used and handled according to specifications, the product does not have any harmful effects according to our experience and the information provided to us.



## Section 9- Disposal Considerations

**Waste Disposal** Dispose in accordance with all applicable federal, state, and local environmental regulations. If any questions arise, contact a licensed professional waste disposal service to dispose of this material. Dissolve or mix the material with a combustible solvent and burn in a chemical incinerator equipped with an afterburner and scrubber.

## Section 10- Other Information

This document is believed to be correct, but does not purport to be all inclusive and shall be used only as a guide. These suggestions should not be confused with state, municipal or insurance requirements, and constitute No Warranty. Microbiology International shall not be held liable for any damage resulting from handling or from contact with the above product.

**Manufactured for FoodChek Systems Inc.by:**

Microbiology International  
5111 Pegasus Ct/Suite H  
Frederick MD 21704  
P 301-662-6835 F 301-662-8096  
1-800-EZMICRO (396-4276)

