

**MICROPHOR (A Wabtec Company - Distributor)**  
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**Material Safety Data Sheet**

**Date: 03/31/2003**

**SECTION I – PRODUCT IDENTIFICATION**

<b>NAME: MicroCulture Liquid Blend</b>	<b>CODE: 24826 (1-Gallon Bottle)</b>
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**DOT CLASS:** Non-regulated  
**UN NUMBER:** N/A

**HMS RATING & CANADIAN WHMS CLASSIFICATION**

HEALTH	1	CANADIAN WHMS CLASSIFICATION	D2B
FIRE	0		

**SECTION II – INGREDIENTS**

All components appear on the TSCA Inventory. Components not listed are either non hazardous or in concentrations less than 1%.

Ingredient Name	CAS Number	OSHA PEL	ACGIH TLV/TWA
Viable Bacteria Culture	N/A	N/A	N/A
Wheat Bran	116469-86-4	N/A	N/A
Sodium Bicarbonate	144-55-8	N/A	N/A
Monosodium Phosphate	7558080-7	N/A	N/A
Disodium Phosphate	7558-79-4	N/A	N/A
Urea	57-13-6	N/A	N/A
Sodium Thiosulfate	10102-17-7	N/A	N/A

**SECTION III – PHYSICAL CHARACTERISTICS**

Boiling Point	100°C	Appearance & odor	Blue Liquid Fragrance
Specific Gravity	Approximately 1.0 gms/cm3	Melting Point	N/A
PH	5.0 – 9.8	Vapor Density	Equivalent to water
Vapor Pressure	Equivalent to water	Solubility	Complete

**SECTION IV – FIRE/EXPLOSION**

<b>Flash Point</b>	N/A
<b>Flash Point Method Used:</b>	N/A
<b>LEL</b>	N/A
<b>UEL</b>	N/A

**Extinguishing Media:** Water spray. Carbon dioxide, and dry chemical powder.

**Special Fire Fighting Procedures:** None

**Unusual Fire and Explosion Hazards:** None known.

## SECTION V – REACTIVITY

**Stable:** X                      **Unstable:**

**Incompatibility:** Not known.

**Hazardous decomposition or by products:** Not known.

**Hazardous Polymerization:** Will not occur.

## SECTION VI – HEALTH HAZARD DATA

ACUTE HEALTH AFFECTS

<b>Routes of Entry:</b> <b>Inhalation</b> NO <b>Absorption:</b> YES <b>Ingestion:</b> YES <b>Eyes:</b> YES
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**Eyes:** Product may cause irritation.

**Skin Contact:** May cause mild skin irritation after prolonged contact.

**Inhalation:** Inhaling mist from this product could cause irritation to the lungs and mucus membranes.

**Ingestion:** Ingestion may result in abdominal pain, nausea and vomiting.

**Conditions to avoid:** Strong acids or alkali compounds may inactivate biological cultures.

**Signs and Symptoms of Over Exposure:** None Known.

**Aggravated Medical Conditions:** None known, however persons with respiratory problems should avoid breathing and mist from this product.

### **Emergency First Aid Procedures:**

**Eye Contact:** Rinse eyes with water for fifteen minutes. If irritation persists, see a physician.

**Inhalation:** Move person to fresh air and avoid breathing dust from products. If breathing problems develop, seek the care of a physician.

**Skin Contact:** Wash the product off the skin with soap and water, if irritation develops seek the care of a physician.

**Ingestion:** Watch victim for any signs of illness, induce vomiting only if advised by a physician.

## SECTION VII – SPILL OR LEAK PROCEDURE

### **Steps to be taken in case material is spilled or leaked:**

**Waste Disposal Method:** Contain and collect material, place in proper container for reuse or disposal. Dispose of materials in accordance with all federal, state and local laws.

**Precautions To Be Taken in Handling and Storage:** Store in a location away from children, food items and potable water. Store in an area out of the direct sunlight, keep container closed when not in use, avoid storing in a damp environment. Always wash hands with soap and water before handling food or smoking. **USE GOOD CHEMICAL HYGIENE PRACTICES WHEN WORKING WITH ANY CHEMICAL.**

**Other Precautions:** None

## **SECTION VIII – CONTROL MEASURES (PPE)**

**Respiratory Protection:** None required for normal use.

**Protective Gloves:** Recommended Disposable Nitrile exam gloves are suitable for prevention of prolonged contact with skin.

**Eye Protection:** Safety glasses with side shields or splash goggles are recommended.

**Other Protective Clothing:** Nothing required, however avoid prolonged contact with the skin from soiled clothing.

**Ventilation:** Local exhaust should be sufficient. If used in a manner that creates a mist, mechanical ventilation may be necessary.

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