SAFETY DATA SHEET SDS.244

Microbiologics®

Lyophilized Microorganism Preparations

SECTION 1: IDENTIFICATION

Product:	Lyophilized Microorganism Preparations
Manufacturer:	Microbiologics, Inc.
Telephone:	320-253-1640
Address:	200 Cooper Avenue North St. Cloud, Minnesota 56303 USA

SECTION 2: HAZARDS INSTRUCTIONS

Microorganism preparations:

- **No known OSHA hazards**
- **GHS Classification:** None
- **Signal word:** None
- **Pictogram:** None

The microorganisms are classified as either Risk Group 1 or Risk Group 2 by the World Health Organization (WHO). These microorganisms may cause human infection, may pose a hazard to laboratory personnel, but are unlikely to spread in the community. Exposure to these microorganisms in the laboratory rarely causes infection. Effective prevention and treatment is typically available.

SECTION 3: COMPOSITION/INFORMATION ON INGREDIENTS

Each lyophilized, cylinder-shaped pellet contains the following:

- A pure or mixed microorganism population
- Skim milk
- Gelatin
- Carbohydrate
- Ascorbic acid
- May contain charcoal

SECTION 4: FIRST AID MEASURES

Eyes: Avoid contact with eyes. If contact occurs, wash with plenty of water and seek medical attention immediately.

Skin: Non-irritant. If skin contact occurs, wash with an appropriate biocidal solution.

Inhalation: Avoid the production of aerosols. If inhalation occurs, move to an area of fresh air and seek medical advice.

Ingestion: Avoid hand to mouth contact. If ingested, seek medical advice.

SECTION 5: FIRE FIGHTING MEASURES

N/A

SECTION 6: ACCIDENTAL RELEASE MEASURES

In case of accidental spillage, contain the spilled material and immediately notify nearby personnel of the incident. Decontaminate the spillage by flooding and soaking the spilled material with a suitable disinfectant. Allow sufficient time for the biocidal activity of the disinfectant according to the manufacturer's instructions for use. Clean the area and material using disposable paper towels or tissues. Towels and tissues containing microorganisms should be treated as biohazard material.

SECTION 7: HANDLING AND STORAGE

The lyophilized microorganism preparation must be stored at 2°C-8°C in the original sealed container. The lyophilized preparations contain viable microorganisms that may, under certain circumstances, produce disease. Proper techniques must be employed to avoid exposure and contact with microorganism growth. 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 CONTROL/PERSONAL PROTECTION

Good laboratory practices must be observed and followed at all times. The use of a biological safety cabinet, the prevention of aerosols and 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

Inert, odorless, dry material.

SECTION 10: STABILITY AND REACTIVITY

When stored as directed, the lyophilized microorganism preparations are stable until the last day of the stated month of the expiration date. The length of storage does not affect the risk of infection.

SECTION 11: TOXICOLOGICAL INFORMATION

N/A

SECTION 12: ECOLOGICAL INFORMATION

N/A

SECTION 13: DISPOSAL CONSIDERATIONS

The lyophilized materials, 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

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

Not Listed.

SECTION 16: OTHER INFORMATION

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