Lyophilized Biological Material Preparations

SECTION 1: IDENTIFICATION

Lyophilized Biological Material Preparations

Microbiologics, Inc.
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SECTION 2: HAZARDS INSTRUCTIONS

Microorganism preparations:

No known OSHA hazards

GHS Classification:	None
Signal word:	None
Pictogram:	None

This biological material is 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 a pure or mixed microorganism population, skim milk, gelatin, a carbohydrate, ascorbic acid and may contain charcoal.

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.

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, please see LIT.115, Biohazard Cleanup on our website at www.microbiologics.com → Support Center → Document Library →Supplemental Information

SECTION 7: HANDLING AND STORAGE

The lyophilized biological material 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, or may contain inactivated biological material.

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

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 biological material 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, 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

Refer to national and international regulations regarding the shipment and transport of biohazard materials. UN Classification: UN3373 Biological Substance, Category B for Microbiologics lyophilized biological material 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 products shipped according to UN2814.

SECTION 15: REGULATORY INFORMATION

N/A

SECTION 16: OTHER INFORMATION

N/A

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