

LYOPHILIZED MICROORGANISM PREPARATIONS

SECTION 1 - PRODUCT AND COMPANY IDENTIFICATION

Product: Lyophilized microorganism preparations
Supplier: MicroBioLogics, 217 Osseo Avenue North, St. Cloud, Minnesota 56303 USA
Telephone: 320-253-1640

SECTION 2 - COMPOSITION

Each lyophilized, cylinder-shaped pellet contains a pure or mixed microorganism population. 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 readily available.

SECTION 3 - HAZARDS INFORMATION

Physio-chemical: Not applicable
Health: Risk of infection
Environmental: Not applicable

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

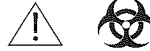
Not applicable

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. 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° - 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 - PERSONNEL 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 and 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 - TOXICOLOGY INFORMATION

Not applicable.

SECTION 12 - ECOLOGICAL INFORMATION

Not applicable.

SECTION 13 - DISPOSAL

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 and UN2814, Infectious Substances affecting humans for MicroBioLogics catalog numbers 0617 and 0730.

SECTION 15 - REGULATORY INFORMATION

Not Listed.

SECTION 16 - OTHER INFORMATION

To the best of our knowledge, the information contained herein is accurate. MicroBioLogics Inc. assumes no liabilities for accuracy or completeness of the information contained herein.

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