

MATERIAL SAFETY DATA SHEET

LYOPHILIZED MICROORGANISMS

FILE NO.: 0002

MSDS DATE: 07/27/2010

SECTION 1: PRODUCT AND COMPANY IDENTIFICATION

PRODUCT NAME: Inocu-Swabs and Inocu-Pellets (Lyophilized microorganism preparations)
SYNONYMS: Not Applicable
PRODUCT CODES: CSXXXX, DPXXXX, CPXXXX, CP+XXXX, CQXXXX, and 2PXXXX series

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SECTION 2: COMPOSITION/INFORMATION ON INGREDIENTS

CHEMICAL CHARACTERIZATION

DESCRIPTION: Each lyophilized 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 the 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 IDENTIFICATION

Hazard description: Biohazard
Physio-chemical: Not applicable
Health: Risk of infection
Environmental: Not applicable

SECTION 4: FIRST AID MEASURES

AFTER EYE CONTACT:
Avoid contact with eyes. If contact occurs, rinse opened eye for 15 minutes under running water. Then consult a doctor.

AFTER SKIN CONTACT:
Non-irritant. If skin contact occurs, immediately wash with an appropriate biocide solution.

AFTER INGESTION:
Avoid hand to mouth contact. If ingested, immediately call a doctor.

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

NOTES TO PHYSICIANS OR FIRST AID PROVIDERS:
Show this MSDS

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 spill by flooding and soaking the spilled material with a suitable disinfectant. Allow sufficient time for the biocide activity of the disinfectant. Clean the area and material using disposable towels. Materials used in cleanup should be treated as biohazard material.

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Additional Information:

See Section 7 for information on safe handling.

See Section 8 for information on personal protection equipment.

See Section 13 for disposal information.

SECTION 7: HANDLING AND STORAGE

HANDLING

INFORMATION FOR SAFE HANDLING:

Ensure adequate microbiological equipment and facilities to receive process, maintain, store and dispose of biohazard material. Proper techniques must be employed to avoid exposure and contact with microorganism growth. The microbiology laboratory personnel using these devices must be trained experienced and demonstrate proficiency in processing, maintaining, storing and disposing of biohazard material.

STORAGE

REQUIREMENTS TO BE MET BY STOREROOMS AND RECEPTACLES: Store devices in their original sealed packaging according to temperature specifications on labeling.

SECTION 8: EXPOSURE CONTROLS/PERSONAL PROTECTION

ADDITIONAL INFORMATION ABOUT DESIGN OF TECHNICAL SYSTEMS: No further data, see item 7.

PERSONAL PROTECTIVE EQUIPMENT

GENERAL PROTECTIVE AND HYGIENIC MEASURES:

Keep away from foodstuffs, beverages and feed.

Immediately remove all soiled and contaminated clothing.

Wash hand before breaks and at the end of the work.

Avoid contact with eyes and skin.

PROTECTION OF HANDS:

Gloves

EYE PROTECTION:

Safety glasses

BODY PROTECTION:

Protective work clothing (lab coat).

EQUIPMENT:

Biological Safety Cabinet

Good laboratory practices must be observed and followed at all times. The use of protective equipment must be dictated by the standard operational procedures of each individual laboratory.

SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

GENERAL INFORMATION

FORM:	DRY MATERIAL
COLOR:	ACCORDING TO PRODUCT SPECIFICATION
ODOR:	ODORLESS

MELTING POINT:	NOT DETERMINED
BOILING POINT:	NOT DETERMINED
FLASH POINT:	NOT DETERMINED
IGNITION TEMPERATURE:	NOT DETERMINED
AUTO IGNITING:	PRODUCT IS NOT SELF IGNITING
DANGER OF EXPLOSION:	PRODUCT IS NOT EXPLOSIVE
DENSITY:	NOT DETERMINED
SOLUBILITY IN WATER:	SOLUBLE

SECTION 10: STABILITY AND REACTIVITY

STABLE

THERMAL DECOMPOSITION / CONDITIONS TO BE AVOIDED:

No decomposition if used according to specifications.

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MATERIALS TO BE AVOIDED:

Incompatible materials: None

DANGEROUS REACTIONS:

No dangerous reactions known

DANGEROUS PRODUCTS OF DECOMPOSITION:

None

SECTION 11: TOXICOLOGICAL INFORMATION

NOT APPLICABLE

SECTION 12: ECOLOGICAL INFORMATION

ECOLOGICAL INFORMATION:

The ecological effects have not been thoroughly investigated, but currently none have been identified.

SECTION 13: DISPOSAL CONSIDERATIONS

RECOMMENDATION:

The lyophilized microorganisms 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

U.S. DEPARTMENT OF TRANSPORTATION

PROPER SHIPPING NAME: Biological Substance, Category B

HAZARD CLASS: 6.2

ID NUMBER: UN3373

AIR TRANSPORTATION

PROPER SHIPPING NAME: Biological Substance, Category B

HAZARD CLASS: 6.2

ID NUMBER: UN3373

SECTION 15: REGULATORY INFORMATION

Not Listed

California Proposition 65

None of the ingredients are listed

SECTION 16: OTHER INFORMATION

DISCLAIMER:

To the best of our knowledge, the information contained herein is accurate. However, neither Gibson Laboratories LLC, nor any of its subsidiaries assumes any liabilities whatsoever for the accuracy or completeness of the information contained herein. Final determination of suitability of any material is the sole responsibility of the user. All materials may present unknown hazards and should be used with caution. Although certain hazards are described herein, we cannot guarantee that these are the only hazards that exist.

PREPARATION INFORMATION: Technical Services Department (Gibson Laboratories, LLC)