Title: Safety Data Sheet

1.

Product Identifier

Product Name PT items (lyophilized bacteria pellet in 10 ml glass vial)

Other means of identification

SDS # SDS-2025-01

UN/ID No UN3373

Product Code PT-FM-100, PT-FM-99
PT-FM-98, PT-FM-97
PT-FM-96, PT-FM-95
PT-FM-94, PT-FM-93
PT-FM-92, PT-FM-91,
PT-FM-90
PT-WM-01, PT-WM-02
PT-WM-03, PT-WM-04
PT-WM-05
PT-CM-201,PT-CM-202

Recommended use of the chemical and restrictions on use

Recommended Use For laboratory use.

Details of the supplier of the safety data sheet

NLPTS
Jordan-Amman-otba ben ghazwan street, building 23

Emergency Telephone Number

Company Phone Number Phone: +962 6 5506539

2. HAZARDS

EMERGENCY OVERVIEW: This material presents a

Appearance	Physical State	Odor
According to product specification	Glass vial contains dry material	Odorless

Classification

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 are readily available.

3. COMPOSITION/INFORMATION ON INGREDIENTS

Nature Each vial contains mixed microorganism population
(Enterobacter aerogenes, Escherichia coli, Candida albicans, Enterobacteriaceae, S. aureus, B. cereus, Salmonella, C.pefringens, L. Monocytogenes, V. parahaemolyticus,E.0157, Campylobacter, P. aeruginosa, Enterococci, Legionella).

4. FIRST-AID

First Aid Measures

General Advice Provide this SDS to medical personnel for treatment.

Eye Contact Rinse thoroughly with plenty of water for at least 15 minutes, lifting lower and upper eyelids. Consult a physician.

Skin Contact If skin contact occurs, immediately wash with an appropriate biocide solution.

Inhalation Remove to fresh air. Seek medical advice.

Ingestion Call a physician or poison control center immediately.

Most important symptoms and effects

Symptoms Not determined.

Indication of any immediate medical attention and special treatment needed

Notes to Physician Treat symptomatically.

5. FIRE-FIGHTING

Suitable Extinguishing Media
Use extinguishing measures that are appropriate to local circumstances and the surrounding environment.

Unsuitable Extinguishing Media Not determined.

Specific Hazards Arising from the Chemical
Not Applicable.

Protective equipment and precautions for firefighters
As in any fire, wear self-contained breathing apparatus pressure-demand and full protective gear.

6. ACCIDENTAL RELEASE MEASURES

Personal precautions, protective equipment and emergency procedures

Personal Precautions Immediately notify nearby personnel of the incident.

Methods and material for containment and cleaning up

Methods for Containment Prevent further leakage or spillage if safe to do so.

Methods for Clean-Up 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.

7. HANDLING AND

Precautions for safe handling

Advice on 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. It is recommended that all microbial cultures be handled by qualified microbiologists and to use appropriate safety procedures and precautions when handling these specimens. Caution should be used to prevent the generation of aerosols during the preparation of suspensions.

Conditions for safe storage, including any incompatibilities

Storage Conditions Store samples in their original sealed packaging according to temperature specifications on labeling.

Incompatible Materials None known based on information supplied.

8. EXPOSURE CONTROLS/PERSONAL PROTECTION

Exposure Guidelines No exposure limits noted for ingredient(s)

Appropriate engineering controls

Engineering Controls Biological Safety Cabinet.

Individual protection measures, such as personal protective equipment

Eye/Face Protection Safety glasses.

Skin and Body Protection Wear suitable gloves. Protective work clothing (lab coat).

Respiratory Protection Ensure adequate ventilation, especially in confined areas.

General Hygiene Considerations Keep away from food, drink and animal feeding stuffs. Immediately remove all soiled and contaminated clothing. Wash hands thoroughly after handling. Avoid contact with skin, eyes or clothing.

9. PHYSICAL AND CHEMICAL PROPERTIES

Information on basic physical and chemical properties

Physical State	Dry material Glass vial containing dry material		
Appearance	According to product specification	**Odor**	Odorless
Color	According to product specification	**Odor Threshold**	Not determined

Property	**Values**	**Remarks • Method**
pH	Not determined	
Melting Point/Freezing Point	Not determined	
Boiling Point/Boiling Range	Not determined	
Flash Point	Not determined	
Evaporation Rate	Not determined	
Flammability (Solid, Gas)	Not determined	
Upper Flammability Limits	Not determined	
Lower Flammability Limit	Not determined	
Vapour Pressure	Not determined	
Vapor Density	Not determined	
Specific Gravity	Not determined	
Water Solubility	Soluble in water	
Solubility in other solvents	Not determined	
Partition Coefficient	Not determined	
Auto-ignition Temperature	Product is not self-igniting	
Decomposition Temperature	Not determined	
Kinematic Viscosity	Not determined	
Dynamic Viscosity	Not determined	
Explosive Properties	Not an explosive	
Oxidizing Properties	Not determined	

10. STABILITY AND

Reactivity
Not reactive under normal conditions.

Chemical Stability
Stable under recommended storage conditions.

Possibility of Hazardous Reactions
None under normal processing.

Conditions to Avoid
Keep out of reach of children.

Incompatible Materials
None known based on information supplied.

Hazardous Decomposition Products
No decomposition if used according to specifications.

11. TOXICOLOGICAL INFORMATION

Information on likely routes of exposure

Product Information

Eye Contact	Avoid contact with eyes.
Skin Contact	Not expected to be a skin irritant during prescribed use.
Inhalation	Avoid the production of aerosols.
Ingestion	Avoid hand to mouth contact.

Information on physical, chemical and toxicological effects

Symptoms	Please see section 4 of this SDS for symptoms.

Delayed and immediate effects as well as chronic effects from short and long-term exposure

Carcinogenicity	Carcinogenic potential is unknown.

Numerical measures of toxicity

Not determined

12. ECOLOGICAL

Ecotoxicity

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

Persistence/Degradability

Not determined.

Bioaccumulation

Not determined.

Mobility

Not determined

Other Adverse Effects

Not determined

13. DISPOSAL CONSIDERATIONS

Waste Treatment Methods

Disposal of Wastes	The lyophilized microorganisms and subsequent growth of these microorganisms on culture media are considered to be biohazard material. Governmental Agencies regulate the disposal of all biohazard materials. Each laboratory must be aware of and comply with the proper disposal of biohazard materials.
Contaminated Packaging	Disposal should be in accordance with applicable regional, national and local laws and regulations.

14. TRANSPORT

ID No	UN3373
Proper Shipping Name	Biological substance, Category B
Hazard Class	6.2

16. OTHER

ealth Hazards	**H** Not determined	**Flammability** Not determined **Flammability** Not determined	**Instability** Not determined **Physical Hazards** Not determined	**Special Hazards** Not determined **Personal Protection** Not determined
ealth Hazards	**H** Not determined			

Disclaimer

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End of Safety Data Sheet