

1. IDENTIFICATION OF THE SUBSTANCE/PREPARATION AND OF THE COMPANY/UNDERTAKING

Product: IFM Quality Services Pty Ltd Microbiological Reference Materials
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Reference materials are for internal laboratory quality assurance use only.

2. HAZARDS IDENTIFICATION

Main Hazards: May be irritating to eyes, respiratory system and if ingested.

3. COMPOSITION / INFORMATION ON INGREDIENTS

Contains: Micro-organisms in freeze-dried (lyophilized), or powdered form. The product contains micro-organisms at levels and presented in formats and packaged such that it poses a low risk of hazard or infection to humans or animals.

4. FIRST-AID MEASURES

SYMPTOMS

Eyes: There may be irritation and redness.

Inhalation: May cause irritation to respiratory tract and mucous membranes.

Ingestion: There may be irritation and soreness of the mouth and throat.

ACTIONS

Eyes: Bathe the eyes with running water for 15 minutes. Seek medical advice if soreness or redness persists.

Inhalation: Remove casualty to fresh air and seek medical advice.

Ingestion: Wash out mouth with water. Do not induce vomiting. Avoid hand to mouth contact. Seek medical advice.

5. FIRE-FIGHTING MEASURES

Extinguishing Media: Non-flammable. Use extinguishing media appropriate for the surrounding fire. Use water spray to cool containers.

Exposure Hazards: In combustion, packaging emits toxic fumes.

Protection of fire-fighters: Wear self-contained breathing apparatus. Wear protective clothing to prevent contact with skin and eyes.

6. ACCIDENTAL RELEASE MEASURES

Personal Precautions: Refer to section 8 for personal protection details.

Environmental Precautions: Do not discharge into drains or rivers.

Clean-up Procedures: Disinfect the contaminated area.

7. HANDLING AND STORAGE

Handling Requirements: Avoid direct contact with the substance. Ensure there is sufficient ventilation of the area. Material should only be handled by staff trained in the handling of biological materials.

Storage Conditions: Materials should be stored in a refrigerator at 4(±2) °C in the dark from the time of their arrival at your laboratory. All microbiological test materials must be processed in a suitable laboratory environment, as defined by national regulations or guidelines.

Suitable packaging: Materials must only be kept in original packaging as per storage instructions provided with the product.

8. EXPOSURE CONTROLS / PERSONAL PROTECTION

Hazardous Ingredients: Considered a low hazard material.

Engineering Measures: Ensure there is sufficient ventilation of the area. If aerosol formation is likely, work within a suitable protective cabinet.

Respiratory protection: Self-contained breathing apparatus must be available in case of emergency.

Hand protection: Gloves.

Eye protection: Safety glasses with side shields. Ensure eye bath is to hand.

Skin protection: Suitable protective clothing.

9. PHYSICAL AND CHEMICAL PROPERTIES

State: Dry material

Colour: off-white

Odour: Odourless

Solubility in water: Soluble

10. STABILITY AND REACTIVITY

Stability: Lyophilized and powdered format organisms are stable under normal storage conditions for at least three months. Physically stable at room temperature.

Conditions to avoid: Exposure to heat and light.

Hazard of Decomposition products: In combustion packaging emits toxic fumes.

11. TOXICOLOGICAL INFORMATION

Hazardous Ingredients: Substance has no evidence of carcinogenicity.

12. ECOLOGICAL INFORMATION

Hazardous Ingredients: Substance has no evidence of ecotoxicity.

Mobility: Readily absorbed into soil.

13. DISPOSAL CONSIDERATIONS

Disposal Operations: Autoclave
Disposal of packaging: Autoclave

NB: The user's attention is drawn to the possible existence of regional or national regulations regarding disposal.

14. TRANSPORT INFORMATION

IATA/ICAO

Packaged according to IATA classification UN3373 Biological Substance Category B.

15. REGULATORY INFORMATION

Hazard Symbols: Approved IATA UN3373 labelling.

Note:

Test materials may contain a mixture of micro-organisms classed as Hazard Group 2 according to the Advisory Committee on Dangerous Pathogens (Approved List of Biological Agents misc208 (fifth Ed.) 11 September 2023). The micro-organisms found in the material are presented in a format that is considered a low risk for human health. Laboratory exposure rarely produces infection and effective treatment is usually available. The regulatory information above only indicates the principal regulations specifically applicable to the product described in the material safety data sheet. The user's attention is drawn to the possible existence of additional provisions which complete these regulations. Refer to all applicable national, international and local regulations or provisions.

16. OTHER INFORMATION

Legal Disclaimer:

The Information in this safety data sheet (SDS) has been prepared with due care and is true and accurate to the best of our knowledge. The user must determine the suitability of the information for its particular purpose, ensure compliance with existing laws and regulations and be aware that other or additional safety or performance considerations may arise when using, handling and/or storing the material. The information in this SDS does not purport to be all inclusive or a guarantee as to the properties of the material supplied and should be used only as a guide. IFM makes no warranties or representations as to the accuracy and completeness of the information contained herein, shall not be held responsible for the suitability of this information for the user's intended purposes or the consequences of such use, and shall not be liable for any damage or loss, howsoever arising, direct or otherwise.