

# QMT023-02 MSDS Microbiological Proficiency Testing Sample

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

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Product: IFM Quality Services Pty Ltd - Proficiency Testing Microbiological Samples  
Supplier: IFM Quality Services Pty Ltd, Unit 4/58 Stennett Road, Ingleburn NSW 2565 AUSTRALIA  
Telephone: +61 2 9618 3311 (8.00am to 5.00pm)  
+61 0412 141 680 (Emergency)  
Fax: +61 2 9618 3355  
Email: [contactIFM@ifmqs.com.au](mailto:contactIFM@ifmqs.com.au)  
Samples are for internal laboratory proficiency testing purposes only.

## **2. HAZARDS IDENTIFICATION**

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

## **3. COMPOSITION / INFORMATION ON INGREDIENTS**

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Contains: Simulated and/or natural food, water, beverage, medicinal or pharmaceutical test materials (prepared in dry or freeze-dried (lyophilized) form only) containing micro-organisms. Samples contain micro organisms that are at levels considered to pose a very low risk to human or animal health.

## **4. FIRST-AID MEASURES**

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### 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**

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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**

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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**

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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: Sample 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: Must only be kept in original packaging.

## **8. EXPOSURE CONTROLS / PERSONAL PROTECTION**

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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: Mask preventing aerosol inhalation is advised.

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**

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State: Dry material

Colour: Colourless

Odour: Odourless

Solubility in water: Soluble

## **10. STABILITY AND REACTIVITY**

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Stability: Stable under normal conditions for at least three months. Stable at room temperature.

Conditions to avoid: Heat.

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

## **11. TOXICOLOGICAL INFORMATION**

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Hazardous Ingredients: Substance has no evidence of carcinogenicity.

## **12. ECOLOGICAL INFORMATION**

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Hazardous Ingredients: Substance has no evidence of ecotoxicity.

Mobility: Readily absorbed into soil.

### **13. DISPOSAL CONSIDERATIONS**

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Disposal Operations: Autoclave  
Disposal of packaging: Autoclave

Excipient (inert) base material is biodegradable and may be disposed of accordingly after autoclaving.

### **14. TRANSPORT INFORMATION**

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IATA/ICAO

Some samples are classified as UN3373 - Biological Substance Cat B, and are packaged accordingly. Other samples are not subject to IATA regulations as per section 3.6.2.2.3.1.

### **15. REGULATORY INFORMATION**

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Hazard Symbols: Not considered a hazardous material. Not dangerous to supply.

Note:

Test materials may contain a mixture of micro-organisms classed as Hazard Group 2 according to the Advisory Committee on Dangerous Pathogens (HSE 1998- ISBN0717610381). The micro organisms found in the samples are at low enough levels to be considered a very low risk to 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**

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Legal Disclaimer:

The Information in this material safety data sheet (MSDS) 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 MSDS 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.