

## 1. Section 1 – Identification: product identifier and chemical identity

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### 1.1 Product identifier

#### **Microbial Material Faecal Matrix**

Product code: N1001

Other identifiers: Not applicable

### 1.2 Supplier

Microba Pty Ltd

Level 10, 324 Queen Street, Brisbane QLD 4000

### 1.3 Emergency phone number

Phone: + 61 7 3193 7382

### 1.4 Recommended use of the chemical and restrictions on use

This product is intended for laboratory research purposes only. It is not intended for use in humans or in diagnostic processes.

Purchase of this product stipulates usage limited to in vitro research and in routine laboratory processes that generate data entering the Microba Control Validator (MCV) Pipelines.

## 2. Section 2 – Hazard(s) identification

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This product contains no components identified as hazardous or Dangerous Goods for the purposes of transport, storage or handling.

Chemical hazard: Not applicable

Environmental hazard: Not applicable

Health hazard: Exempt human specimens

As biological derived material, all Microba materials should be handled in accordance with standard biosecurity and biohazard protocols for the facility.

### 3. Section 3 – Composition and information on ingredients

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Sealed plastic tube with flocked swab. Contains desiccated human stool material from healthy donors on swabs containing silica based drying agents, as standards for bacterial identification.

Dominant species including routine non-pathogenic (not causing disease) endogenous bacteria from the genus:

- Bacteroides
- Faecalibacterium
- Roseburia
- Ruminococcus
- Akkermansia
- Anaerostipes

Samples are appropriate to enter nucleic acid extraction protocols/assays, they are not viable for culture-based assays.

### 4. Section 4 – First aid measures

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This product is not expected to be an inhalation or ingestion hazard.

#### 4.1 If on skin:

Wash with plenty of water and soap.

#### 4.2 If in eyes:

Immediately rinse with water for several minutes. Remove contact lenses if present and easy to do. Continue rinsing.

#### 4.3 Advice to medical personnel

Treat symptomatically.

### 5. Section 5 – Firefighting measures

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#### 5.1 Suitable extinguishing equipment

As per surrounding materials.

#### 5.2 Specific hazards arising from the product

The plastic material of the container and swab may produce noxious fumes if burnt.

### 5.3 Special protective equipment and precautions for firefighters

No special requirements.

## 6. Section 6 – Accidental release measures

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### 6.1 Personal precautions, protective equipment and emergency procedures

No special requirements. Follow standard laboratory clean up protocols for biological materials.

### 6.2 Environmental precautions

This product is not expected to pose any environmental hazard. Treat as per biological waste.

### 6.3 Methods and materials for containment and cleaning up

No special requirements. Follow standard laboratory clean up protocols for biological materials.

## 7. Section 7– Handling and storage

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### 7.1 Storage:

Store below -20 degrees Celsius

Aliquots of 10-50 mg volume are provided as single use reagents and should be discarded after use. Multiple freeze thaw cycles will reduce the sample quality and reduce the performance of the reference material.

### 7.2 Handling

Handle in accordance with laboratory biosafety handling protocols.

## 8. Section 8 – Exposure controls and personal protection

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Samples are only intended for processing in a clinical laboratory facility and should be handled in the same manner as routine patient samples using universal precautions and appropriate personal protective equipment. Biosafety Level 1 precautions at a minimum should be used.

## 9. Section 9 – Physical and chemical properties

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Sealed plastic tubes with flocced swabs containing 10-50mg of material in each well. Contains desiccated human stool material from healthy donors on swabs containing silica based drying agents, as standards for bacterial identification.

## 10. Section 10 – Stability and reactivity

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### 10.1 Stability:

This product is stable under specified storage conditions.

### 10.2 Conditions to avoid:

Temperatures above -20 degrees Celsius.

## 11. Section 11 – Toxicological information

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No toxicological data available.

The product consists of plastic material and small quantities of biological samples. It is expected to have negligible toxicity.

## 12. Section 12 – Ecological information

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No ecotoxicity data available. Treat as per biological laboratory waste.

## 13. Section 13 – Disposal considerations

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Dispose of as per biosafety 1 laboratory waste protocols.

## 14. Section 14 – Transport information

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This product is not a Dangerous Good for the purposes of road, air or marine transport. If transported with dry ice, it should be transported with the relevant requirements for dry ice.

## 15. Section 15 – Regulatory information

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The components of this product are Listed or exempt in the Australian Inventory of Industrial Chemicals and the New Zealand Inventory of Chemical Substances.

## 16. Section 16 – Any other relevant information

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This product is for laboratory research use only.  
It is not available for any other purpose.

## 17. Version information

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Date of issue	31 May 2022
Changes from previous version	Version 1: First issue