

1. IDENTIFICATION: PRODUCT IDENTIFIER AND CHEMICAL IDENTITY

**Product Name:** MicroBalance

**Recommended use of the chemical and restriction on use:** Inoculation fluid for liquid fertiliser supplement, soil conditioner microbial augmentation, bio-mass starter and composting aid.

**Details of Manufacturer or importer:**

Multikraft Probiotics Australia  
858 Gooburrum Road  
Bundaberg Qld 4670

**Phone number:** 1300 642 762

**Email:** [info@multikraft.com.au](mailto:info@multikraft.com.au)

2. HAZARD(S) IDENTIFICATION

**Hazardous nature:** The product is not classified according to the GHS.

**Label elements:** None

**Signal words:** Void

**Hazard statement:** Void

3. COMPOSITION AND INFORMATION ON INGREDIENTS

**Chemical characterisation:** Mixtures

**Description:** Liquid mixture of microorganisms with nonhazardous ingredients and water.

**Hazardous components:** Void

4. FIRST AID MEASURES

**Inhalation:** No special measures required

**Skin contact:** in case of skin contact, wash area with soap and water. Seek medical attention if symptoms occur.

**Eye contact:** In case of eye contact, rinse opened eye cautiously with running water for several minutes. Remove contact lenses, if present and easy to do so. Continue rinsing. Seek medical attention if symptoms occur.

**Ingestion:** If swallowed, rinse out mouth. Seek medical attention if symptoms occur.

5. FIRE FIGHTING MEASURES

**Suitable extinguishing media:** Use fire extinguishing methods suitable for surrounding conditions.

**Special hazards arising from the chemical:** No fire or explosion hazards exist.

**Special protective equipment and precautions for fire fighters:** No special measures are necessary.

## 6. ACCIDENTAL RELEASE MEASURES

**Personal precautions, protective equipment and emergency procedures:** No special measures required.

**Environmental precautions:** No special measures required.

**Methods and materials for containment and clean up:** No special measures required

## 7. HANDLING AND STORAGE

**Precautions for safe handling:** Comply with instructions for use.

**Conditions for safe storage:** Store in a cool dark place, where possible. Do not refrigerate.

## 8. EXPOSURE CONTROLS AND PERSONAL PROTECTION

**Exposure standards:** The product does not contain any relevant quantities of materials with critical values that have to be monitored in the workplace.

**Engineering controls:** Not required under normal use conditions.

**Personal protective equipment (PPE):** N/A

**Respiratory protection:** Not required under normal use conditions.

**Skin protection:** Not required under normal use conditions.

**Eye and face protection:** Not required under normal use conditions.

## 9. PHYSICAL AND CHEMICAL PROPERTIES

### Appearance

|   |                          |
|---|--------------------------|
| <b>Form:</b>                                | Liquid                   |
| <b>Colour:</b>                              | Brown                    |
| <b>Odour:</b>                               | Fermented fragrance      |
| <b>Odour threshold:</b>                     | No information available |
| <b>pH value at 20°C:</b>                    | 3.3 - 3.6                |
| <b>Melting point/melting range:</b>         | Not applicable           |
| <b>Initial boiling point/boiling range:</b> | As water                 |
| <b>Flash point:</b>                         | Not applicable           |
| <b>Flammability:</b>                        | Not flammable            |
| <b>Auto-ignition temperature:</b>           | Not applicable           |
| <b>Decomposition temperature:</b>           | No information available |
| <b>Explosion Limits</b>                     |                          |
| <b>Lower:</b>                               | Not applicable           |
| <b>Upper:</b>                               | Not applicable           |
| <b>Vapour pressure:</b>                     | As water                 |
| <b>Density:</b>                             | 1g/cm <sup>3</sup>       |
| <b>Relative density:</b>                    | No information available |
| <b>Vapour density:</b>                      | As water                 |
| <b>Evaporation rate:</b>                    | As water                 |

**Solubility in water:** Fully miscible  
**Partition coefficient (n-octanol/water):** No information available

#### 10. STABILITY AND REACTIVITY

**Possibility of hazardous reactions:** No dangerous reactions known under normal circumstances.

**Chemical stability:** The product is stable for at least 12 months

**Conditions to avoid:** No information available

**Incompatible materials:** No information available

**Hazardous decomposition products:** No hazardous decomposition products known.

#### 11. TOXICOLOGICAL INFORMATION

**Toxicity:**

**LD50/LC50 Values relevant for classification:** No information available

**Acute health effects:**

**Inhalation:** No effects known

**Skin:** No effects known

**Eye:** No effects known

**Ingestion:** No effects known

**Skin corrosion/irritation:** Based on classification principles, the classification criteria are not met.

**Serious eye damage/irritation:** Based on classification principles, the classification criteria are not met.

**Respiratory or skin sensitisation:** Based on classification principles, the classification criteria are not met.

**Germ cell mutagenicity:** Based on classification principles, the classification criteria are not met.

**Carcinogenicity:** This product does not contain any IARC listed chemicals.

**Reproductive toxicity:** Based on classification principles, the classification criteria are not met.

**Specific target organ toxicity (STOT) – Single exposure:** Based on classification principles, the classification criteria are not met.

**Specific target organ toxicity (STOT) – Repeated exposure:** Based on classification principles, the classification criteria are not met.

**Aspiration hazard:** Based on classification principles, the classification criteria are not met.

**Chronic health effects:** No data associated with long term health effects.

**Existing conditions aggravated by exposure:** No information available.

#### 12. ECOLOGICAL INFORMATION

**Ecotoxicity:** Contains naturally occurring microorganisms, as well as natural raw materials. It is not expected to have detrimental effects on the environment.

**Aquatic toxicity:** No information available

**SAFETY DATA SHEET**  
According to Safe Work Australia

Created: 23.09.14

Revision: 30.11.20

**Persistence and degradability:** No information available

**Bio accumulative potential:** No information available

**Mobility in soil:** No information available

13. DISPOSAL CONSIDERATIONS

**Disposal methods and containers:** Expired products and containers can be disposed of with household waste. Dispose according to applicable local and state government regulations.

**Special precautions for landfill or incineration:** Consult your state land waste management authority for more information.

14. TRANSPORT INFORMATION

**UN Number:** Not regulated

**Proper shipping name:** Not regulated

**Dangerous goods class:** Not regulated

15. REGULATORY INFORMATION

**Australian inventory of chemical substances:** 7732-18-5

16. ANY OTHER RELEVANT INFORMATION

**Creation Date:** 23.09.14

**Abbreviations and acronyms:**

GHS: Globally Harmonised System of Classification and Labelling of Chemicals

LC50: Lethal Concentration, 50 per cent

LD50: Lethal Dose, 50 per cent

IARC: International Agency for Research on Cancer

**Disclaimer:**

This SDS has been prepared in accordance with WH&S Queensland *Preparation of Safety Data Sheets for Hazardous Chemicals Code of Practice 2011*.

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