

# SAFETY DATA SHEET

According to Safe Work Australia

Created 23.09.2014

Revision 22.09.2017

## 1. IDENTIFICATION: PRODUCT IDENTIFIER AND CHEMICAL IDENTITY

**Product Name:** Soil NRG**Recommended Use of the Chemical and Restriction on Use**

Inoculation fluid for Plant Health and prevents Pest and Fungal Disease attack

**Details of Manufacturer or Importer**

Multikraft Probiotics Australia Pty Ltd  
858 Gooburrum Road  
Bundaberg Qld 4670

**Phone Number:** 1300 642 762

Email: info@multikraft.com.au

**Emergency Telephone Number:** 13 11 26

## 2. HAZARDS IDENTIFICATION

**Hazardous Nature:** The product is not classified according to the Globally Harmonized System (GHS).**Label elements:****Signal Words:** Void.**Hazard Statements:** Void.

## 3. COMPOSITION AND INFORMATION ON INGREDIENTS

**Chemical Characterization:** 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 affected areas with water and soap. Seek medical attention if symptoms occur.**Eye Contact:** In case of eye contact, rinse opened eyes cautiously with running water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. Seek medical attention if symptoms occur.**Ingestion:** If swallowed, rinse out mouth. Seek immediate 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 hazard exists.**Special Protective Equipment and Precautions for Fire Fighters:** Wear Safe Work Wear Australia approved self-contained breathing apparatus and full protective clothing.

## 6. ACCIDENTAL RELEASE MEASURES

**Personal Precautions, protective Equipment and Emergency Procedures:**

Wear Safe Work Wear Australia approved personal protective equipment. Evacuate all non-essential personal from affected area. Do not breathe vapours. Ensure adequate ventilation.

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

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**Product Name: Soil NRG****Methods and Materials for Containment and Clean Up:**

Stop leak if safe to do so and absorb spill with sand, diatomite, acid binders, universal binders, sawdust or other absorbent material. Collect the spilled material and place into a suitable container for disposal.

## 7. HANDLING AND STORAGE

**Precautions for Safe Handling:**

Use of safe work practices are recommended to avoid eye or skin contact and inhalation of vapours. Comply with instructions for use.

**Conditions for Safe Storage:** Store in a cool, dark area. Keep container tightly closed. After opening use within 24 months. Keep out of reach of children and domestic animals. Store between 8-18°C where possible. Protect from direct sun light, heat, sparks, open flames and hot surfaces. Do not store in direct sunlight. Do not store in the refrigerator.

This is a living product and may expand in the container.

## 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 at the workplace.

**Engineering Controls:** Ensure adequate ventilation of the working area.

**Personal Protective Equipment (PPE):** N/A

**Respiratory Protection:** Respiratory protection is not required under normal use conditions.

**Skin Protection:** Protective gloves and skin protection are not required under normal use conditions.

**Eye and Face Protection:** Eye protection is not required under normal use conditions.

## 9. PHYSICAL AND CHEMICAL PROPERTIES

**Appearance:**

<b>Form:</b>	Fluid
<b>Colour:</b>	Brownish
<b>Odour:</b>	Fermented Fragrance
<b>Odour threshold:</b>	No information available
<b>pH Value at 20 degrees</b>	3.5
<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>	Product is 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>	1 g/cm <sup>3</sup>
<b>Relative Density:</b>	No information available
<b>Vapour Density:</b>	As Water
<b>Evaporation Rate:</b>	As Water

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**Product Name:** Soil NRG

**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 conditions.

**Chemical Stability:** Starting from the production date the product is durable 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 information available.

**Skin:** No information available.

**Eye:** No information available.

**Ingestion:** No information available.

**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:** Product contains naturally occurring microorganisms only as well as natural raw materials. It is not expected to have detrimental effects on the environment.

**Aquatic toxicity:** No information available.

**Persistence and Degradability:** No information available.

**Bioaccumulative Potential:** No information available.

**Mobility in Soil:** No information available.

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## 13. DISPOSAL CONSIDERATIONS

**Disposal Methods and Containers:**

Expired products and leftover quantities can be disposed of with the household waste. Containers should be emptied completely and can be disposed of with the household waste. Dispose according to applicable local and state government regulations.

**Special Precautions for Landfill or Incineration:**

Please 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. OTHER INFORMATION

**Creation Date:** 22.09.2014**Abbreviations and acronyms:**

GHS: Globally Harmonised System of Classification and Labelling of Chemicals

LC50: Lethal concentration, 50 percent

LD50: Lethal Dose, 50 percent

IARC: International Agency for Research on Cancer

**Disclaimer:**

This MSDS is prepared in accordance with the Safe Work Australia document "Code of Practice for the Preparation of Safety Data Sheets for Hazardous Chemicals - December 2011"

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