

# SAFETY DATA SHEET

**Nutri-Life Root-Guard™**

**Date of Issue:24/07/2023**

## CLASSIFICATION OF MATERIAL

Not Classified as Hazardous according to Safe Work Australia (GHS)  
Not a Dangerous Good according to the Australian Dangerous Goods Code

## 1. IDENTIFICATION OF THE MATERIAL AND SUPPLIER

<b>Product Name:</b>	Nutri-Life Root-Guard™
<b>UN Proper Shipping Name:</b>	N/A
<b>Recommended Use:</b>	Microbial inoculant
<b>Company Name:</b>	Nutri-Tech Solutions Pty Ltd
<b>Address:</b>	7 Harvest Road, Yandina, Qld 4561, Australia
<b>Email:</b>	info@nutri-tech.com.au
<b>ABN:</b>	83 010 472 590
<b>Telephone:</b>	+61 5472 9900
<b>Emergency Telephone Numbers:</b>	Police, Ambulance, Fire: 000 (Mobile 112) Poisons Information Centre (Australia) 13 11 26 Nutri-Tech Solutions Mon-Fri 8:00am-4pm AEST 07 5472 9900 (Australia)

## 2. HAZARDS IDENTIFICATION

<b>Hazard Classification:</b>	Non-Hazardous
	Not classified as Hazardous according to the criteria of GHS.
	Not classified as a Dangerous Good according to the Australian Dangerous Goods Code
	Not classified as a schedule poison according to NDPSC.

## 3. COMPOSITION/INFORMATION ON INGREDIENTS

Chemical Name	CAS
<i>Trichoderma harzianum</i>	N/A
Talc carrier (no asbestos fibres) crystalline silica content:	14807-96-6 <0.001%

## SAFETY DATA SHEET

**Nutri-Life Root-Guard™**

**Date of Issue:24/07/2023**

### 4. FIRST AID MEASURES

<b>Ingestion:</b>	Immediately rinse mouth with water (only if patient is conscious). Seek medical advice.
<b>Eye:</b>	Immediately rinse with plenty of water for at least 15 minutes. Hold eyelids apart to ensure rinsing of the entire surface of the eyes and lids with water, if irritation persists contact a physician.
<b>Skin:</b>	Remove contaminated clothing and wash with soap and water. If symptoms such as redness or irritation occur, consult a physician. Launder clothes before re-use.
<b>Inhalation:</b>	Remove to fresh air. Seek medical advice if breathing difficulty develops.
<b>First Aid Facilities:</b>	Normal washing facilities.
<b>Advice to Doctor:</b>	Treat symptomatically.
<b>General Information:</b>	N/A

### 5. FIRE FIGHTING MEASURES

<b>Flammability:</b>	Non-flammable and non-combustible.
<b>Extinguishing media:</b>	Use extinguishing media suitable for surrounding fire situations.
<b>Hazchem Code:</b>	N/A
<b>Precautions in connection with fire</b>	Wear SCBA and contain run-off to prevent entry in water or drainage systems.

### 6. ACCIDENTAL RELEASE MEASURES

<b>Emergency procedures:</b>	Avoid release into sewers and waterways.
<b>Methods and materials for contamination and clean-up:</b>	Slippery when wet. Collect and seal in properly labelled containers. Sweep or vacuum up. Avoid generating dust.

## SAFETY DATA SHEET

**Nutri-Life Root-Guard™**

**Date of Issue:24/07/2023**

### 7. HANDLING AND STORAGE

<b>Precautions for safe handling:</b>	Wear eye protection, face mask, impervious gloves and overalls. Immuno-compromised persons (e.g. those undergoing chemotherapy) should not handle or be exposed to microbial products. While handling, brewing and applying microbial products protective clothing and equipment should be worn. Avoid generating and inhaling dust. If dust exists wear respirator meeting the requirements of AS1715 and AS1716.
<b>Storage:</b>	Keep out of reach of children. Store in a cool, dry area in original sealed container below 30 °C and away from sunlight (preferably under refrigeration). Do not freeze.

### 8. EXPOSURE CONTROLS/PERSONAL PROTECTION

<b>National Exposure Standards (ingredients only):</b>	Talc (containing no asbestos fibres) 8 hr TWA = 2.5 mg/m <sup>3</sup> . May contain <0.001% crystalline silica: TWA = 0.1 mg/m <sup>3</sup>
<b>Biological Limit Values:</b>	None established for this product.
<b>Engineering Controls:</b>	Use in well ventilated areas only in order to ensure exposure standard is not breached. Avoid generating and inhaling dust. Keep containers closed when not in use.
<b>Personal Protective Equipment:</b>	Gloves, eye protection and face mask. If dust exists wear respirator meeting the requirements of AS1715 and AS1716. Always wash hands before smoking, eating, drinking or using the toilet.

### 9. PHYSICAL AND CHEMICAL PROPERTIES

<b>Appearance:</b>	White-grey powder
<b>Odour:</b>	Sour, earthy
<b>pH:</b>	No data available
<b>Flammability:</b>	Not combustible
<b>Solubility in Water:</b>	Insoluble – forms a suspension in water.
<b>Lower Explosion Limit:</b>	No data available
<b>Upper Explosion Limit:</b>	No data available
<b>Bulk density:</b>	2.5-2.8
<b>Conductivity:</b>	No data available
<b>Melting Point:</b>	No data available
<b>Boiling Point:</b>	No data available
<b>Vapour Pressure:</b>	No data available
<b>Evaporation Rate:</b>	No data available

## SAFETY DATA SHEET

**Nutri-Life Root-Guard™**

**Date of Issue:24/07/2023**

### 10. STABILITY AND REACTIVITY

<b>Stability:</b>	Stable under normal conditions of use.
<b>Hazardous Reactions &amp; Materials to Avoid:</b>	Hazardous polymerization will not occur. Do not store with foodstuffs. Incompatibility: Strong oxidizers, reducers, fungicides and water pH below 5 and more than 9.
<b>Hazardous Decomposition Products:</b>	None known.

### 11. TOXICOLOGICAL INFORMATION

<b>Acute Toxicity:</b>	LD <sub>50</sub> >5000 mg/kg. May cause irritation to mouth, throat and stomach.
<b>Skin:</b>	No data available. May cause skin irritation.
<b>Eye:</b>	No data available. May cause irritation.
<b>Respiratory or skin sensitisation:</b>	No data available. May cause irritation.
<b>Germ cell mutagenicity:</b>	No data available.
<b>Carcinogenicity:</b>	No data available.
<b>Reproductive toxicity:</b>	No data available.
<b>Specific Target Organ Toxicity (STOT) single exposure:</b>	No data available.
<b>Specific Target Organ Toxicity (STOT) – repeated exposure:</b>	No data available.
<b>Aspiration Hazard:</b>	No data available.
<b>Chronic:</b>	Repeated or prolonged inhalation of dust (at rates exceeding the occupational exposure limits) may cause talcosis and/or pulmonary fibrosis. May contain up to <0.001% crystalline silica. Inhaling dust containing crystalline silica can aggravate upper respiratory conditions such as asthma or emphysema. Long term exposure to crystalline silica can cause the lung disease silicosis. Crystalline silica has been classified by the International Agency of Research on Cancer (IARC) as carcinogenic to humans by inhalation.

### 12. ECOLOGICAL INFORMATION

<b>Ecotoxicity:</b>	No data available
<b>Persistence/Degradability:</b>	No data available
<b>Mobility:</b>	No data available
<b>Environmental Protection:</b>	No data available

## SAFETY DATA SHEET

**Nutri-Life Root-Guard™**

**Date of Issue:24/07/2023**

### 13. DISPOSAL CONSIDERATIONS

<b>Disposal Method:</b>	Dispose of in accordance with local government guidelines.
<b>Packaging:</b>	Rinse packaging before disposal.

### 14. TRANSPORT INFORMATION

<b>Land Transport (ADG Code):</b>	Not regulated for transport of Dangerous Goods
<b>Air Transport (IATA)</b>	Not regulated for transport of Dangerous Goods
<b>Sea Transport (IMDG Code)</b>	Not regulated for transport of Dangerous Goods

### 15. REGULATORY INFORMATION

<b>SUSMP Poisons Schedule:</b>	Not scheduled.
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## 16. OTHER INFORMATION

<b>Acronyms</b>	
<b>ADG Code:</b>	Australian Code for the Transport of Dangerous Goods by Road and Rail
<b>AICS:</b>	Australian Inventory of Chemical Substances
<b>CAS Number:</b>	Chemical Abstracts Service Registry
<b>GHS</b>	Globally Harmonised System of Classification and Labelling of Chemicals
<b>Hazchem Code:</b>	Emergency action code of numbers and letters that provide information to emergency services especially firefighters
<b>IARC:</b>	International Agency for Research on Cancer
<b>NDPSC:</b>	National Drugs and Poisons Scheduling Committee.
<b>NOS:</b>	Not Otherwise Specified
<b>NTP:</b>	National Toxicology Program (USA)
<b>UN Number:</b>	United Nations Number
<b>SUSMP:</b>	Standard for the Uniform Scheduling of Medicines and Poisons
<b>STEL:</b>	Short Term Exposure Limit
<b>TWA:</b>	Time Weighted Average (the average airborne concentration when calculated over a normal eight hour working day for five days a week)
<b>LD<sub>50</sub>:</b>	Lethal Dose for 50% Mortality
<b>SCBA:</b>	Self Contained Breathing Apparatus

### Disclaimer

The data and recommendations presented herein are based upon research of others and are believed to be accurate. However, no warranty is expressed or implied regarding this data or the results to be obtained from use thereof. Nutri-Tech Solutions P/L, assumes no responsibility for the injury to customers or third party proximity caused by the material if reasonable safety procedures are not adhered to as stipulated in this data sheet.

**END OF SDS**