

# SAFETY DATA SHEET

**Root & Shoot™**

**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>	Root & Shoot™
<b>UN Proper Shipping Name:</b>	N/A
<b>Recommended Use:</b>	Fertiliser
<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 scheduled poison according to NDPSC.
<b>Hazard Statement(s):</b>	May be irritating to eyes and skin.
<b>Precautionary Statement(s):</b>	Keep out of reach of children. Read label before use.

## 3. COMPOSITION/INFORMATION ON INGREDIENTS

<b>Chemical Name</b>	<b>CAS Number</b>	<b>Proportion</b>
Non-hazardous proprietary mix of fertiliser ingredients. Including kelp, fish, humic and fulvic acids	N/A	100%

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### 4. FIRST AID MEASURES

<b>Ingestion:</b>	Do not give anything to drink. Do not induce vomiting. Never give anything by mouth if victim is semi-conscious or unconscious. Wash out mouth with water. Where vomiting occurs naturally have victim place head below hip level in order to reduce risk of aspiration. Seek immediate medical attention. Provide the SDS of this product or information shown on the product packaging or label, where possible. Do not leave victim unattended.
<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 and contact a physician or Poisons Information Centre.
<b>Skin:</b>	In contact with skin, remove any contaminated clothing and shoes and immediately wash skin thoroughly with soap and water for at least 15 minutes. In case of inflammation (redness, irritation) obtain medical attention. Clean contaminated clothing and shoes before re-use.
<b>Inhalation:</b>	Remove to fresh air. Get medical attention if irritation occurs or breathing difficulty develops.
<b>First Aid Facilities:</b>	Eye wash station and 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. May decompose on heating to emit harmful vapours. Fire fighters recommended to wear SCBA.
<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>	Contain spill. Use personal protective equipment as outlined in section 8.
<b>Methods and materials for contamination and clean-up:</b>	Wear protective clothing when cleaning up major spills. Wipe up with inert materials. Dispose of in compliance with local, state and federal regulations.

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## 7. HANDLING AND STORAGE

<b>Precautions for safe handling:</b>	Wear protective equipment to avoid skin and eye exposure (refer to section 8). Do not inhale spray mist. Prohibit eating, drinking and smoking in contaminated areas.
<b>Storage:</b>	Keep out of reach of children. Store in a cool, dry area in a sealed container. Do not store in prolonged sunlight.

## 8. EXPOSURE CONTROLS/PERSONAL PROTECTION

<b>National Exposure Standards:</b>	None established.
<b>Biological Limit Values:</b>	None established.
<b>Engineering Controls:</b>	No specific measures are required provided the product is handled in accordance with the general rules of occupational hygiene and safety. Maintain adequate ventilation at all times.
<b>Personal Protective Equipment:</b>	Wear protective gloves of impervious material (e.g. PVC). Ensure a high level of personal hygiene is maintained when using this product. Always wash hands before eating, drinking, smoking and going to the toilet.

## 9. PHYSICAL AND CHEMICAL PROPERTIES

<b>Appearance:</b>	Brown liquid
<b>Odour:</b>	Slight odour
<b>pH:</b>	7.0-8.0
<b>Flammability:</b>	Not combustible
<b>Solubility in Water:</b>	Fully miscible
<b>Lower Explosion Limit:</b>	No data available
<b>Upper Explosion Limit:</b>	No data available
<b>Specific Gravity:</b>	1.2
<b>Conductivity:</b>	75-85 mS/cm
<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

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### 10. STABILITY AND REACTIVITY

<b>Stability:</b>	Stable under normal conditions of use.
<b>Hazardous Reactions &amp; Materials to Avoid:</b>	Avoid extreme heat, flames and ignition sources. Hazardous polymerization will not occur.
<b>Hazardous Decomposition Products:</b>	On thermal decomposition releases nitrogen oxides, formaldehyde, carbon oxides (CO and CO <sub>2</sub> ).

### 11. TOXICOLOGICAL INFORMATION

<b>Acute Toxicity:</b>	No data available. 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 skin sensitization.
<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.

### 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

### 13. DISPOSAL CONSIDERATIONS

<b>Disposal Method:</b>	Where possible, product should be used for its intended purpose including the rinsings of the container. Dispose of in accordance with all local state and national regulations. Do not discard into drains or waterways.
<b>Container:</b>	Triple or preferably pressure rinse containers before disposal. Dispose of used container in accordance with all local and national regulations. Recycle containers if possible (replace cap and return cleaned container to recyclers or collection point). Empty containers and product should not be burned.

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### 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 Foods 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>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**