

Safety Data Sheet

Product Name: EasyRhiz™ Issue Date: November 2021	Version: 4.0 Page: Page 1 of 6
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1. Identification of The Material and Supplier

Product Name	EasyRhiz™ Legume Inoculant
Other Names	Soluble concentrated legume inoculant powder.
Product Use	For application to legume seed at or prior to sowing
Manufacturer Name	New Edge Microbials Pty Ltd
Address	951 Garland Ave Albury NSW 2640
Telephone Number	02 6025 0044

2. Hazards Identification

Non-hazardous substance. Non dangerous goods. Not classified as Hazardous according to the criteria of NOHSC.

Dangerous goods class	
& subsidiary risk	Not applicable
Hazchem code	Not applicable
Hazard class	Not applicable
Risk phrases	Not applicable
Safety phrases	Not applicable

3. Composition / Information on Ingredients

Ingredient (common name)	<i>Rhizobium / Bradyrhizobium / Sinorhizobium spp.</i> nitrogen fixing bacteria. All microbial species guaranteed to be GM free.
CAS Number	N/A
Proportion (by weight)	<i>Rhizobium / Bradyrhizobium / Sinorhizobium spp.</i> nitrogen fixing bacteria – 100%

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4. First Aid Measures

Inhalation	If difficulty in breathing occurs, move affected person to fresh air. Loosen clothing to ease breathing. Seek immediate medical attention.
Ingestion	Maybe harmful if swallowed. Rinse affected persons mouth with clean water continuously. If irritation persists, seek immediate medical attention.
Skin	If irritation develops seek medical attention. Remove and wash contaminated clothing before reuse.
Eyes	Avoid contact with eyes. May irritate the eyes. Flush eyes with flowing water for at least 15 minutes. If irritation persists, continue to flush with flowing water and seek medical attention.

5. Firefighting Measures

For major fires call the Fire Brigade. Ensure that an escape path is available from any fire.

Suitable extinguishing media Foam, alcohol foam, CO₂, dry chemical, water fog.

Hazardous combustion products Burning will not create noxious fumes.

Fire-fighting equipment Fire fighters should wear butyl rubber boots, gloves and body suit and a self-contained breathing apparatus.

Unusual fire or explosion hazard Not a fire or explosion hazard when stored under normal conditions.

Hazchem Code N/A

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Composition	≥ 5 x 10 ¹¹ /vial of viable <i>Rhizobium</i> / <i>Bradyrhizobium</i> / <i>Sinorhizobium</i> spp. bacteria in a glass vial. Product under vacuum.
Odour	Mild earthy odour
Solubility in water	Soluble
Boiling Point / Range	N/A
pH	6.5 – 7.0
Evaporation rate	N/A
Vapour density (Air = 1)	N/A
Specific gravity (H ₂ O=1)	0.85
Particle size	> 10 µm
Flash point	N/A
Flammable limit – lower	N/A
Flammable limit – upper	N/A
Moisture content	1.5 – 2.5%

10. Stability and Reactivity

Chemical stability	Stable while stored under vacuum.
Incompatible materials	Avoid storage with compounds that will react with aluminium foil cap or butyl rubber bung.
Hazardous decomposition products	Will not emit noxious fumes.
Hazardous polymerization	Will not occur.
Conditions to avoid	Extremes in temperature. Direct sunlight.

11. Toxicological Information

Routes of exposure	Ingestion, inhalation, eyes, and skin.
Health effects from likely routes of exposure	
Ingestion	Maybe harmful if swallowed.
Inhalation	Prolonged inhalation may lead to respiratory tract irritation.
Eye	Prolonged or repeated exposure may cause mechanical irritation.

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Skin Prolonged or repeated exposure may cause irritation, redness, and inflammation.
Effects of overexposure Long term exposure may cause mechanical irritation of the eyes as well as skin and respiratory tract irritation.

Existing conditions aggravated by exposure May provoke asthmatic response in persons with asthma who are sensitive to airway irritants.

Carcinogenicity No information available.

12. Ecological Information

Ecotoxicity No information available
Mobility No information available

13. Disposal Considerations

Disposal methods and containers
Dispose according to applicable local and government regulations.
Dispose of in a local authority landfill. Dispose of empty packaging by wrapping and placing in the garbage disposal system. Do not contaminate streams, rivers, or waterways.

14. Transport Information

Not classified as a dangerous good according to the Australian Code for the Transport of Dangerous Goods by road or rail.

UN number N/A
Proper shipping name "Bacterial enzyme"
Dangerous goods class N/A
Hazchem code N/A
Packing group N/A

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15. Regulatory Information

Not applicable

16. Other Information

Last revision of SDS November 10, 2021

Emergency Contacts

Police and Fire Brigade (Australia)	000
Poisons Information Centre (Australia)	131 126

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