

Safety Data Sheet

Issue date: August 2021

Mycorrhiza

Section 1: Chemical Product and Company Identification

Product name: Mycorrhiza

Product Type: *Rhizophagus irregularis* (formerly *Glomus intraradices*) fungal spores in a clay carrier

Product Use: Plant inoculant for the addition to soil, plant roots and seeds.

Manufacturer/supplier information: Biofilm Crop Solutions. A Division of Novum Lifesciences.
1/5 Scotland Street
Bundaberg Qld 4670
07 4132 5055

Emergency No: Dial 000 or Poisons Information Centre: 131126

Section 2: Hazards Identification

Statement of Hazardous Nature:

This product is classified as NON-HAZARDOUS according to the criteria of NOHSC Australia.
Not a Dangerous Good according to the Australian Dangerous Goods (ADG) Code.

SUSDP Classification: None allocated.

ADG Classification: None allocated.

UN Number: None allocated.

Section 3: Composition and Information on Ingredients

Ingredients	CAS	Percent w/v
R. irregularis spores	-	<1 %
Clay carrier	-	>99%

Exposure limits have not been established by ASCC for these ingredients, that is, no TWA or STEL limits set.

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Section 4: First Aid Measures

- After inhalation:** Remove to fresh air upwind from source. Contact a Poisons Information Centre or a doctor if conditions deteriorate.
- After skin contact:** Wash with liberal amounts of water. Wash hands thoroughly after handling. It is advisable to wear gloves when handling this product.
- After eye contact:** Flush repeatable with water. Consult a physician.
- After swallowing:** Rinse mouth several times with clean fresh water. If in doubt, contact a Poisons Information Centre or a doctor. DO NOT induce vomiting. Give plenty of fresh water to drink after rinsing of mouth. **Advice to Doctor** – Treatment is symptomatic.
- First Aid facilities:** Maintain eyewash station and drench facilities in the work area.

Section 5: Fire Fighting Measures

Fire and Explosion Hazards: Non-combustible. Decomposes on heating emitting toxic fumes. Firefighters wear self-contained breathing apparatus and suitable protective clothing if risk of exposure to decomposed product.

Extinguishing Media: Not Combustible. However, use medias to suit surrounding material and packaging material, that is, for example plastic containers.

Fire Fighting: When fighting fires involving significant quantities of this product, wear a splash suit complete with self-contained breathing apparatus.

Upper Flammability Limit: Does not burn
Autoignition Temperature: Does not burn

Lower Flammability Limit: Does not burn
Flammability Class: Does not burn

Section 6: Accidental Release Measures

In the event of an accidental spill, control spill at source. Wear full protective clothing including face mask and face shield. All skin areas should be covered. Very small spills can be flushed to the drainage system. Larger spills must be collected for disposal.

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Section 7: Handling and Storage

Handle with care and keep exposure to this product to as minimal as practical. Store in a cool dry area and prevent skin and eye contact when handling. Do not freeze.

Section 8: Exposure Control / Personal Protection

Personal Protective Equipment:

Australian Standards regarding safety clothing and equipment:

Respiratory equipment: **AS/NZS 1715/16** Protective Gloves: **AS 2161** Industrial Clothing: **AS2919**

Industrial Eye Protection: **AS1336** and **AS/NZS 1337** Occupational Protective Footwear: **AS/NZS2210**

Section 9: Physical and Chemical Properties

Physical Description and Colour: Off-white to grey powder

Odour: earthy organic odour

Density: 0.8 – 0.85 g/cc

Water Solubility: 90%

Evaporation Rate: 0.0% – powder will low evaporation rate

Flammability: Not flammable

pH: 6.5 – 7.5 in water

Volatility: No data.

Autoignition temp: Does not combust.

Section 10: Stability and Reactivity

Chemical Stability: Stable under normal temperatures.

Reactivity: This product is unlikely to react or decompose under normal storage conditions.

Conditions to Avoid: Direct sunlight, lack of ventilation.

Hazardous Polymerization: Hazardous polymerisation is not possible.

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Section 11: Toxicology Information

No adverse health effects would be expected if handled according to the label and this SDS. Symptoms or effects that may arise if mishandled or with unprotected overexposure may be:

- Skin contact:** May result in mild irritation with sensitive skin.
Eye contact: May cause irritation through dust discomfort and associated physical irritation.
Ingestion: No adverse effects expected although large amounts may cause nausea and /or vomiting.
Inhalation: No real issues here as aqueous formulation.

Neither a LD50 nor LC50 is available for this product.

Section 12: Ecological Information

Product is natural microbe spore culture on a clay carrier and should be treated as such.

Section 13: Disposal Considerations

Instructions for the disposal of this product and its containers are listed on the product label.

For collection of unwanted rural products, contact ChemClear®, tel 1800 008 182 www.chemclear.com.au For help with the disposal of empty drums, contact DrumMuster® www.drummuster.com.au for local and State contacts.

Section 14: Transport Information

Not classified as Dangerous Goods by the criteria of the International Maritime Dangerous Goods Code (IMDG Code) for transport by sea.

Not classified as Dangerous Goods by the criteria of the International Air Transport Association (IATA) Dangerous Goods Regulations for transport by air.

- UN Number:** None allocated.
Proper Shipping Name: None allocated.
ADG Class: None allocated. Not a Dangerous Good
Hazchem Code: None allocated.
Packaging Group: None Allocated.

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Section 15: Regulatory Information

Not classified as hazardous according to criteria of NOHSC.

SUSDP: None allocated.
APVMA Registered: Not required. No pesticide claims.

Section 16: Other Information

This SDS contains only safety-related information sourced from the public domain and analytical results on this product.

Acronyms:

ADG Code: Australian Code for the Transport of Dangerous Goods by Road and Rail, 7th Edition

AICS: Australian Inventory of Chemical Substances

CAS number: Chemical Abstracts Service Registry Number

Hazchem Number: Emergency action code of numbers and letters that provide information for firefighters

IARC: International Agency for Research on Cancer

ASCC: Office of the Australian Safety and Compensation Council

NTP: National Toxicology Program (USA)

R-Phrase: Risk Phrase

SUSDP: Standard for the Uniform Scheduling of Drugs & Poisons

UN Number: United Nations Number

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