



5.06 – Trich-A-Soil™ Material Safety Data Sheet

COMPANY DETAILS

Company: Bio-Care Technology Pty Ltd
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IDENTIFICATION

Product Name: Trich-A-Soil™ Bio-Inoculant
Other Names: *Trichoderma viride* soil inoculant
Manufacturer's Product Code: None
UN Number: None
Dangerous Goods Class & Subsidiary Risk: None allocated
Hazchem Code: None
Poisons Schedule Number: Exempt
Use: Biofertiliser and beneficial colonizer of roots in turf grasses and potting plants

Physical Description/Properties

Formulation: Wettable Powder
Appearance: Brown/Black moist peat powder
Odour: Earthy
Boiling Point/Melting Point: Not applicable
Corrosion: Nil
Vapour Pressure: Not applicable
Specific Gravity: 0.675 ± 0.075 **pH:** 6.5-7.0
Flashpoint: Not determined **Moisture Content:** 34.5%
Flammability Limits: Non flammable **Particle Size:** 85.5% <355 um
Solubility in Water: Suspends in water solution form wettable peat powder
Concentration: 2,000 million viable spores of *T. viride* per gram of moist peat medium at packing

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Other Properties

Ingredients:

<u>Chemical Name</u>	<u>CAS No.</u>	<u>Proportion</u>
<i>Trichoderma viride</i>		0.25% (w/w)
Peat Carrier & inerts:		99.75% (w/w)

HEALTH HAZARD INFORMATION

Not classified as hazardous according to Worksafe Australia criteria

Health Effects

Acute:

Swallowed: Product has low toxicity. Wash mouth out with plenty of water

Eyes: Slight eye irritation. Flush eyes thoroughly with clean water

Skin: May cause minor skin irritation. Wash thoroughly with soapy water

Inhaled: May cause respiratory irritation or sensitisation. Avoid breathing dust.

General: *Trichoderma viride* is harmless to humans, livestock and the environment.

Chronic:

General: There are no known chronic effects or reported cases of health problems from the use of *Trichoderma viride* over several years of field trials and commercial use around the world. Pre-existing medical conditions should not be aggravated by exposure to the product.

First Aid

Swallowed: Wash mouth out with plenty of water

Eyes: Flush eyes with plenty of water

Skin: Wash thoroughly with soap and water

Inhaled: Remove to open air. Contact a doctor if preliminary hypersensitivity occurs.

First Aid Facilities: No special requirements

Advice to Doctor: Provide symptomatic treatment as necessary. Product contains 1) non-hazardous soil inhabiting fungus, 2) finely-divided peat and grain powder and, 3) food grade nutrients.

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PRECAUTIONS FOR USE

KEEP OUT OF REACH OF CHILDREN

Exposure Standards: Avoid excessive visible dust

Engineering Controls: Not applicable

Personal Protection: Wear elbow length gloves, eye protection and disposable respiratory mask

Flammability: Non flammable

Fire/Explosion Hazard: Not applicable

SAFE HANDLING INFORMATION

Storage & Transport: Store in the closed original container in a dry area, within a temperature range of 5-10°C. Not a hazard for transport services and to other goods.

Spills & Disposal: Wear elbow length rubber gloves, eye protection and disposable respiratory mask.
Collect and put back into containers. 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. Wash area with clean water.

OTHER INFORMATION

Contact Point: Bio-Care Technology Pty Ltd
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