

Section 1 - Identification of the Material and Supplier

Chemical nature:	<i>Trichoderma viride</i> soil inoculant
Trade Name:	BIOMAX Fortify
Product Use:	Bio-inoculant, biofertilizer having applications in agriculture
Supplier:	Amgrow Australia Pty Ltd 3/29 Birnie Ave, Lidcombe NSW 2141 Phone: 02 9395 1200 (office hours), Fax: 02 9395 1241 www.amgrow.com.au
This version issued:	October 2018 and is valid for 5 years from this date.

Section 2 - Hazards Identification

Statement of Hazardous Nature

NOT CLASSIFIED AS HAZARDOUS ACCORDING TO THE CRITERIA OF SWA.

NOT A DANGEROUS GOOD ACCORDING TO AUSTRALIAN DANGEROUS GOODS (ADG) CODE, IATA OR IMDG/IMSBC CRITERIA.

Risk Phrases: Not Hazardous - No criteria found.

Safety Phrases: S22, S25, S36. Do not breathe dust. Avoid contact with eyes. Wear suitable protective clothing.

SUSMP Classification: None allocated.

ADG Classification: None allocated. Not a Dangerous Good according to Australian Dangerous Goods (ADG) Code, IATA or IMDG/IMSBC criteria.

UN Number: None allocated

GHS Signal word: NONE. Not hazardous.

PREVENTION

P102: Keep out of reach of children.

P262: Do not get in eyes, on skin, or on clothing.

P281: Use personal protective equipment as required.

RESPONSE

P353: Rinse skin or shower with water.

P301+P330+P331: if swallowed: Rinse mouth. Do NOT induce vomiting.

P370+P378: Not combustible. Use extinguishing media suited to burning materials.

STORAGE

P402+P404: Store in a dry place. Store in a closed container.

DISPOSAL

P501: Dispose of small quantities and empty containers by wrapping with paper and putting in garbage. For larger quantities, if recycling or reclaiming is not possible, use a commercial waste disposal service.

Emergency Overview

Physical Description & Colour: Pale white powder.

Odour: Mild fermentation.

Major Health Hazards: no significant risk factors have been found for this product.

Potential Health Effects

Inhalation:

Short Term Exposure: Available data indicates that this product is not harmful. In addition, product is unlikely to cause any discomfort or irritation.

Long Term Exposure: No data for health effects associated with long term inhalation.

Skin Contact:

Short Term Exposure: Available data indicates that this product is not harmful. It should present no hazards in normal use. In addition, product is unlikely to cause any discomfort in normal use.

SAFETY DATA SHEET

Long Term Exposure: No data for health effects associated with long term skin exposure.

Eye Contact:

Short Term Exposure: This product may be mildly irritating to eyes, but is unlikely to cause anything more than mild discomfort which should disappear once product is removed.

Long Term Exposure: No data for health effects associated with long term eye exposure.

Ingestion:

Short Term Exposure: Significant oral exposure is considered to be unlikely. However this product may be irritating to mucous membranes but is unlikely to cause anything more than transient discomfort.

Long Term Exposure: No data for health effects associated with long term ingestion.

Carcinogen Status:

SWA: No significant ingredient is classified as carcinogenic by SWA.

NTP: No significant ingredient is classified as carcinogenic by NTP.

IARC: No significant ingredient is classified as carcinogenic by IARC.

Section 3 - Composition/Information on Ingredients

Ingredients	CAS No	Conc. %
<i>Trichoderma viride</i>	not set	5.00
Amorphous Silica	7361-86-9	87.50
Polyoxyethylene Sorbitan Mono-oleate	9005-68-6	2.50
Water	7732-18-5	5.00

} 100

This is a commercial product whose exact ratio of components may vary slightly. Minor quantities of other non hazardous ingredients are also possible.

Section 4 - First Aid Measures

General Information: You should call The Poisons Information Centre if you feel that you may have been poisoned, burned or irritated by this product. The number is 13 1126 from anywhere in Australia (0800 764 766 in New Zealand) and is available at all times. Have this SDS with you when you call.

Inhalation: First aid is not generally required. If in doubt, contact a Poisons Information Centre or a doctor.

Skin Contact: Brush and if necessary wash affected areas with water for 5 minutes or until chemical is removed. If in doubt obtain medical advice.

Eye Contact: Immediately irrigate with copious amounts of lukewarm, gently flowing water until the product is removed or until irritation has ceased, while holding the eyelid(s) open. Obtain medical advice if irritation becomes painful or lasts more than a few minutes. Take special care if exposed person is wearing contact lenses.

Ingestion: First aid is not generally required. If in doubt contact a Poisons Information Centre or a doctor. Do not induce vomiting. Wash mouth with water and give some water to drink.

Section 5 - Fire Fighting Measures

Fire and Explosion Hazards: There is no risk of an explosion from this product under normal circumstances if it is involved in a fire.

Fire decomposition products from this product may be toxic if inhaled. Take appropriate protective measures. Only small quantities of decomposition products are expected from these products at temperatures normally achieved in a fire. This will only occur after heating to dryness.

Extinguishing Media: Not Combustible. Use extinguishing media suited to burning materials.

Fire Fighting: If a significant quantity of this product is involved in a fire, call the fire brigade.

Flash point: Does not burn.

Upper Flammability Limit: Does not burn.

Lower Flammability Limit: Does not burn.

Auto ignition temperature: Not applicable - does not burn.

Flammability Class: Does not burn.

SAFETY DATA SHEET

Section 6 - Accidental Release Measures

Accidental release: This product is sold in small packages and the accidental release from one of these is not usually a cause of concern. Wear elbow length rubber gloves, eye protection and disposable respiratory mask. For minor spills, clean up, rinsing to sewer and put empty container in garbage. In the event of a major spill, prevent spillage from entering drains or water courses and call emergency services.

Section 7 - Handling and Storage

Handling: Keep exposure to this product to a minimum, and minimise the quantities kept in work areas. Check Section 8 of this SDS for details of personal protective measures, and make sure that those measures are followed. The measures detailed below under "Storage" should be followed during handling in order to minimise risks to persons using the product in the workplace. Also, avoid contact or contamination of product with incompatible materials listed in Section 10. Observe good personal hygiene, including washing hands before eating. Prohibit eating, drinking and smoking in contaminated areas.

Storage: Store in cool, dry area removed from foodstuffs. Ensure containers are labelled, protected from physical damage and sealed when not in use. Do not allow to come into contact with water either from rain, condensation or the surface on which it is stored. Make sure that the product does not come into contact with substances listed under "Incompatibilities" in Section 10.

Section 8 - Exposure Controls and Personal Protection

Exposure Limits	TWA (mg/mP3P)	STEL (mg/mP3P)	ADI (mg/Kg/day)	NOEL (mg/Kg/day)
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Exposure limits have not been set for any other ingredients in product. The STEL (Short Term Exposure Limit) is an exposure value that should not be exceeded for more than 15 minutes and should not be repeated for more than 4 times per day. There should be at least 60 minutes between successive exposures at the STEL. The exposure value at the TWA is the average airborne concentration of a particular substance when calculated over a normal 8 hour working day for a 5 day working week. A TWA has not been established by Worksafe Australia for any of the major ingredients in this product. There is a blanket limit of 10mg/m³ for dusts or mists when limits have not otherwise been established. The nature of this product makes it unlikely that this level will be approached in normal use. ADI means Acceptable Daily Intake and NOEL means No-observable-effect-level. Values taken from Australian ADI List, Dec 2003.

No special equipment is usually needed when handling small quantities. The following instructions are for handling bulk or where regular exposure in an occupational setting occurs without proper ventilation.

Personal Protection: The following Australian Standards will provide general advice regarding safety clothing and equipment:

Respiratory equipment: **AS/NZS 1715**, Protective Gloves: **AS 2161**, Occupational Protective Clothing: AS/NZS 4501 set 2008, Industrial Eye Protection: **AS1336** and **AS/NZS 1337**, Occupational Protective Footwear: **AS/NZS2210**.

No special equipment is usually needed when occasionally handling small quantities. The following instructions are for bulk handling or where regular exposure in an occupational setting occurs without proper containment systems.

Ventilation: Use in a well ventilated area.

Eye Protection: Eye protection such as protective glasses or goggles is recommended when this product is being used.

Skin Protection: Wear PVC gloves to prevent skin contact. Wear overall and long sleeves to prevent contact

Respirator: Use a suitable disposable respiratory mask.

Section 9 - Physical and Chemical Properties:

Physical Description & Colour:	Pale white powder
Odour:	Mile fermentation
Boiling Point:	N/A
Melting Point:	N/A
Volatiles:	No data.
Vapour Pressure:	No data.
Vapour Density:	N/A
Bulk Density:	No data.
Water Solubility:	Insoluble

SAFETY DATA SHEET

pH: No data.
Volatility: No data.
Evaporation Rate: No data.
Flash Point N/A

Section 10 - Stability and Reactivity

Reactivity: This product is stable under normal temperatures and pressures, when stored and handled in accordance with this SDS

Conditions to Avoid: Store away from heat or fire, keep packages dry and cool.

Incompatibilities: Incompatible with strong oxidising agents, strong acids and alkalis.

Fire Decomposition: Avoid breathing any odour from fires.

Polymerisation: This product is unlikely to undergo polymerisation processes.

Section 11 - Toxicological Information

Local Effects:

Target Organs: There is no data to hand indicating any particular target organs.

Section 12 - Ecological Information

This product is non-toxic, does not build up in the soil and not expected to cause long term problems. Expected to not be an environmental hazard.

Section 13 - Disposal Considerations

Disposal: Wear elbow length rubber gloves, eye protection and disposable respiratory mask. Dispose of small quantities by digging into soils or collect in sealed containers and dispose in accordance with EPA guidelines.

Section 14 - Transport Information

UN Number: This product is not classified as a Dangerous Good by ADG, IATA or IMDG/IMSBC criteria. No special transport conditions are necessary unless required by other regulations.

Section 15 - Regulatory Information

AICS: All of the significant ingredients in this formulation are compliant with NICNAS regulations.

Section 16 - Other Information

This SDS contains only safety-related information. For other data see product literature.

Acronyms:

ADG Code	Australian Code for the Transport of Dangerous Goods by Road and Rail	IMSBC	International Maritime Solid Bulk Code
AICS	Australian Inventory of Chemical Substances	NOHSC	National Occupational Health and Safety Commission
ASCC	Australian Safety & Compensation Council	NTP	National Toxicology Program (USA)
CAS number	Chemical Abstracts Service Registry Number	R-Phrase	Risk Phrase
Hazchem Number	Emergency action code of numbers and letters that provide information to emergency services	SUSMP	Standard for the Uniform Scheduling of Medicines & Poisons
IARC	International Agency for Research on Cancer	SWA	Safe Work Australia (formerly ASCC and NOHSC)
IATA	International Air Transport Authority	UN Number	United Nations Number
IMDG	International Maritime Dangerous Good		

SAFETY DATA SHEET

*THIS SDS SUMMARISES OUR BEST KNOWLEDGE OF THE HEALTH AND SAFETY HAZARD INFORMATION OF THE PRODUCT AND HOW TO SAFELY HANDLE AND USE THE PRODUCT IN THE WORKPLACE. EACH USER MUST REVIEW THIS SDS IN THE CONTEXT OF HOW THE PRODUCT WILL BE HANDLED AND USED IN THE WORKPLACE.
IF CLARIFICATION OR FURTHER INFORMATION IS NEEDED TO ENSURE THAT AN APPROPRIATE RISK ASSESSMENT CAN BE MADE, THE USER SHOULD CONTACT THIS COMPANY SO WE CAN ATTEMPT TO OBTAIN ADDITIONAL INFORMATION FROM OUR SUPPLIERS. OUR RESPONSIBILITY FOR PRODUCTS SOLD IS SUBJECT TO OUR STANDARD TERMS AND CONDITIONS, A COPY OF WHICH IS SENT TO OUR CUSTOMERS AND IS ALSO AVAILABLE ON REQUEST.*

Please read all labels carefully before using product. This SDS is prepared in accord with the SWA document "Preparation of Safety Data Sheets for Hazardous Chemicals - Code of Practice" (December 2011) Copyright © Amgrow Pty Ltd, October 2018

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