



Green Fingers

HEALTH WARNING

This product contains Micro-Organisms

Avoid breathing dust or mists - wear particulate mask

Wear gloves and keep product moist when handling

Wash hands immediately after use

Read Green Fingers Potting Mix

Material Safety Data Sheet



Green Fingers Potting Mix Material Safety Data Sheet

Composts, Potting Mixes and Other Gardening Materials

IMPORTANT NOTICE

This Material Safety Data Sheet (MSDS) is issued by Green Fingers Potting Mix in accordance with Worksafe Australia guidelines. As such, the information contained herein must not be altered, deleted or added to. Green Fingers Potting Mix will issue a new MSDS when there is a change in product specifications and/or Worksafe Australia guidelines/regulations. Green Fingers Potting Mix will not accept any responsibility for any changes made to its MSDS in content by any other person or organization.

Section 1 - Identification of Chemical Product and Company

Product Name: B2/B6/Standard/Premium and Eco-Z Plus Potting Media and Specialised Medias
Slash and Hoop Bark – Raw and Composted
Composted Hardwood Sawdust
Coarse Grade Sand

Product Use: Potting Mix and Planting Media, Mulches and Sand for indoor and outdoor plants

Creation Date: September 2009

Revision Date: September 2009

Supplier: Green Fingers Potting Mix

ABN: 64 913 938 751

Address: 709 Stapylton-Jacobs Well Road Woongoolba 4207

Telephone Numbers: 07 5546 1099

Fax Number: 07 5546 1011

Poisons Info Centre: 131 126

Section 2 - Hazards Identification Statement of Hazardous Nature

The dust and mists (bio-aerosols) from this product are classified as "Hazardous Substance Non Dangerous Goods". Not a Dangerous Good according to the Australian Dangerous Goods (ADG) Code.

UN Number: Not Relevant

Dang. Goods Class: Not Relevant

Subsidiary Risk: Not Relevant

Hazchem Code: Not Relevant

Poison Schedule No: Not Relevant

Section 3 – Composition/Information on Ingredients

Chemical Identity of Ingredients: Bark; as per typical specification – by request.

Proportion of Ingredients:

Bark	85%
Sand	15%

Section 4 - First Aid Measures

General Information:

You should call The Poisons Information Centre if you feel that you may have been poisoned or irritated by this product. The number is 13 1126 from anywhere in Australia and is available at all times. Have this MSDS with you when you call.

Inhalation

Inhalation of dust and/or liquid mists (bioaerosols) may irritate or inflame or sensitise the nose, throat and lungs and may aggravate pre-existing conditions such as asthma.

Treatment: Remove to fresh air. First aid is not generally required. If in doubt, contact a Poisons Information Centre or a doctor.

Chronic Health Effects: Repeated inhalation of dust and/or liquid mists (bioaerosols) from these products may result in respiratory irritation, inflammation or sensitization resulting in illnesses ranging from hay fever and asthma to pneumonia (e.g. Legionnaires' disease) and pneumonia like illnesses. The elderly, those with pre existing respiratory diseases and the immune-compromised are at particular risk from these illnesses. All people working with these and other landscaping and horticultural products should ensure that they are adequately protected from tetanus.

Advice to Doctor: Treat symptomatically.

Skin Contact

Skin contact with these products and their dust and/or liquid mists (bioaerosols) may result in skin irritation and in some people may lead to skin sensitization, dermatitis or skin infection.

Treatment: Wash thoroughly with mild soap and water. If irritation does occur, obtain medical advice.

Advice to Doctor: Treat symptomatically

Eye Contact

The dust and/or liquid mist (bioaerosols) may be irritating to the eyes resulting in redness and watering or eye infection.

Treatment: Quickly and gently blot or brush product away. Flush the contaminated eye(s) with 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.

Advice to Doctor: Treat symptomatically.

Ingestion

This is unlikely under normal circumstances. Swallowing compost and potting mixes may cause abdominal discomfort and increase the risk of gastro-intestinal infection.

Treatment: Give water to drink. Seek medical attention if any abdominal symptoms

Advice to Doctor: Treat symptomatically.

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.

Only small quantities of decomposition products are expected from this product 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.

Section 6 - Accidental Release Measures

Emergency Procedures: In the event of a major spill, prevent spillage from entering drains or water courses. As a minimum, goggles and gloves should be worn. Suitable materials for protective clothing include rubber, PVC. If there is a significant chance that dusts are likely to build up in the cleanup area, it is recommended that you use a respirator.

Method and Materials for Containment and Cleanup: Sweep up and shovel or collect recoverable product for recycling or salvage. If a significant quantity of material enters drains, advise emergency services. This material is suitable for approved landfill. Ensure legality of disposal by consulting regulations prior to disposal.

Section 7 - Handling and Storage

Handling: Check Section 8 of this MSDS 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.

Storage: Store in a dry, cool, well-ventilated area. Make sure that the product does not come into contact with substances listed under "Materials to avoid" in Section 10.

Section 8 - Exposure Controls and Personal Protection

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

Respiratory equipment: **AS/NZS 1715**, Protective Gloves: **AS 2161**, Industrial Clothing: **AS2919**, Industrial Eye Protection: **AS1336** and **AS/NZS 1337**, Occupational Protective Footwear: **AS/NZS2210**.

Exposure Limits: TWA (mg/m³) STEL (mg/m³) ADI NOEL

Exposure limits have not been established by ASCC for any of the significant ingredients in this product. There is a blanket limit of 10mg/m³ for dusts or mists when limits have not otherwise been established. No ADI or NOEL set for any ingredients of this product. (ADI means Acceptable Daily Intake and NOEL means No-observable-effect)

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: Ensure adequate ventilation in working area so that exposure to dust or bio-aerosols are kept to a minimum.

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

Skin Protection: Wear protective gloves, long sleeves and trousers to minimise possible irritation. Wash skin with mild soap and clean water immediately after working with these materials. Launder work clothes regularly.

Protective Material Types: There is no specific recommendation for any particular protective material type.

Respirator: Wear an approved respirator as above when exposed to dust or liquid mists

Section 9 - Physical and Chemical Properties

Physical Description & Colour	Brown to grayish blend of natural organic and mineral substances.
Odour	Non specific earthy odour
Boiling Point	N/A
Freezing/Melting Point	Solid at normal temperatures
Volatiles	N/A
Vapour Pressure	N/A
Vapour Density	N/A

Green Fingers Potting Mix

Material Safety Data Sheet

Specific Gravity or Density	Varies according to composition and moisture content
Water Solubility	Not soluble
pH	5.3-6.5
Volatility	N/A
Odour Threshold	No data.
Evaporation Rate	N/A
Coeff Oil/Water Distribution	N/A
Auto-ignition temp	N/A – does not burn.

Section 10 - Stability and Reactivity

Reactivity	This product is unlikely to react or decompose under normal storage conditions
Conditions to Avoid	Store in a dry, cool, well-ventilated area.
Incompatibilities	No particular Incompatibilities.
Fire Decomposition	Only small quantities of decomposition products are expected from this product at temperatures normally achieved in a fire.
Polymerisation	This product does not undergo polymerisation.

Section 11 - Toxicological Information

Repeated inhalation of dust and/or liquid mist (bio-aerosols) from these products may result in respiratory irritation, inflammation or sensitisation resulting in illnesses ranging from hay fever and asthma to pneumonia (e.g. Legionnaire's disease) and pneumonia-like illnesses. The elderly, those with pre-existing respiratory diseases, and the immune compromised are at particular risk from these illnesses. All people working with these and other landscaping and horticultural products should ensure that they are adequately protected from tetanus.

Possible Routes of Exposure

- Ingestion:** Unlikely under normal circumstances
- Eyes:** Exposure to dust and/or liquid mist (bioaerosols)
- Inhalation:** Inhalation of dust and/or liquid mist (bioaerosols)

Range of Effects Following Exposure

- Ingestion:** Swallowing compost and potting mixes may cause abdominal discomfort and increase the risk of gastro-intestinal infection.
- Eyes:** May be irritating to the eyes resulting in redness and watering or eye infection.
- Inhalation:** May irritate, inflame or sensitise the nose, throat and lungs and may aggravate pre-existing conditions such as asthma and bronchitis.

Section 12 - Ecological Information

No Ecological Toxic Effects recorded for this product

Effects on Aquatic Organisms: No data

Effects on Other Animals: No data available but unlikely to be toxic to animals



Green Fingers Potting Mix Material Safety Data Sheet

Section 13 - Disposal Considerations

Waste materials can be disposed of as trade waste in accordance with local authority guidelines. This material is suitable for approved landfill. Recycle plastic bags or containers.

Section 14 - Transport Information

ADG Code: This product is not classified as a Dangerous Good. No special transport conditions are necessary unless required by other regulations.

Section 15 - Regulatory Information

Bio-aerosols listed as hazardous by Worksafe Australia

Section 16 - Other Information

This MSDS 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
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 to emergency services especially firefighters
IARC	International Agency for Research on Cancer
NOHSC	National Occupational Health and Safety Commission
NOS	Not otherwise specified
NTP	National Toxicology Program (USA)
R-Phrase	Risk Phrase
SUSDP	Standard for the Uniform Scheduling of Drugs & Poisons
UN Number	United Nations Number

THIS MSDS 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 MSDS 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 MSDS is prepared in accordance with the NOHSC document "National Code of Practice for the Preparation of Material Safety Data Sheets" 2nd Edition [NOHSC:2011(2003)]