



## **HEALTH WARNING**

**This product contains microorganisms.**

**Avoid breathing dust or mists – wear  
particulate mask if dusty.**

**Wear gloves and keep product moist when  
handling.**

**Wash hands immediately after use.**

**Read Green Fingers Safety Data Sheet (SDS)**

## SAFETY DATA SHEET

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# HAZARDOUS

### COMPOSTS, POTTING MIXES AND OTHER ORGANIC GARDENING MATERIALS

Products are made from organic materials, including composted pine bark, and contains living micro-organisms, including bacteria, fungi and protozoa. May also contain mineral and fertilizer additives.

**RISK** Inhalation of dust and/or liquid mists may irritate, inflame or sensitise the nose, throat and lungs resulting in illnesses ranging from hayfever or asthma, to pneumonia (e.g. Legionnaire's disease) or pneumonia-like illnesses. Direct contact with this material or its dust and/or liquid mists (bioaerosols) may cause skin irritation (dermatitis), and skin or eye infection or irritation.

People particularly at risk are those suffering from asthma or allergies, and those whose immune defence systems are compromised.

### SAFETY

Avoid contact with eyes and skin.

Avoid breathing dust and/or liquid mists (bioaerosols).

Wear suitable protective clothing and standard duty gloves (AS/NZS 2161.2).

If exposed to dust and/or liquid mists, also wear dust resistant eye protection (AS/NZS 1336) and particulate respirator.

(AS/NZS 1715 and AS/NZS 1716).

Wash thoroughly immediately after handling.

Wash work clothes regularly.

Clean up by wet sweeping or vacuuming.

Store this product in a cool location.

### FIRST AID

Irrigate eyes with plenty of water for 10 minutes.

Wash skin with soap and water.

Seek medical attention for any persistent skin, eye or respiratory symptoms.

### DISPOSAL

Follow above safety precautions and collect in containers for disposal as trade waste in accordance with local authority guidelines.



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For further information, please contact Green Fingers.

## Composts, Potting Mixes and Other Gardening Materials

### IMPORTANT NOTICE

This Safety Data Sheet (SDS) 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 SDS 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 SDS in content by any other person or organization.

## Section 1 - Identification of Chemical Product and Company

**Product Name:** B1, B2, Standard, Premium, Koy Logic, Soil and Eco-Z Plus Potting Media and Specialised Medias  
Pine Bark – Raw and Composted  
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 2017

**Supplier:** Green Fingers Potting Mix

**ABN:** 64 913 938 751

**Address:** 709 Stapylton-Jacobs Well Road, Woongoolba, QLD 4207

**Telephone Numbers:** 07 5670 4899

**Fax Number:** 07 5546 2570

**Poisons Info Centre:** 131 126

## Section 2 - Hazards Identification Statement of Hazardous Nature

The dust and mists (bioaerosols) 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

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### Section 3 – Composition/Information on Ingredients

<b>Chemical Identity of Ingredients:</b>	Bark; as per typical specification – by request.
<b>Proportion of Ingredients:</b>	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 SDS 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.



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**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 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.

**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/m<sup>3</sup>) STEL (mg/m<sup>3</sup>) 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/m<sup>3</sup> for dusts or mists when limits have not otherwise been established. No ADI or NOEL are set for any ingredients in this product. (ADI means Acceptable Daily Intake and NOEL means No Observable Effect Limit)*

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 bioaerosols 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

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

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

### Section 10 - Stability and Reactivity

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

### Section 11 - Toxicological Information

Repeated inhalation of dust and/or liquid mist (bioaerosols) 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

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

#### Range of Effects Following Exposure

<b>Ingestion:</b>	Swallowing compost and potting mixes may cause abdominal discomfort and increase the risk of gastro-intestinal infection.
<b>Eyes:</b>	May be irritating to the eyes resulting in redness and watering or eye infection.
<b>Inhalation:</b>	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

### 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.



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### 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

Bioaerosols listed as hazardous by Worksafe Australia

### Section 16 - Other Information

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

#### Acronyms

<b>ADG Code</b>	Australian Code for the Transport of Dangerous Goods by Road and Rail
<b>AICS</b>	Australian Inventory of Chemical Substances
<b>CAS Number</b>	Chemical Abstracts Service Registry Number
<b>Hazchem Number</b>	Emergency action code of numbers and letters that provide information to emergency services especially firefighters
<b>IARC</b>	International Agency for Research on Cancer
<b>NOHSC</b>	National Occupational Health and Safety Commission
<b>NOS</b>	Not otherwise specified
<b>NTP</b>	National Toxicology Program (USA)
<b>R-Phrase</b>	Risk Phrase
<b>SUSDP</b>	Standard for the Uniform Scheduling of Drugs & Poisons
<b>UN Number</b>	United Nations Number

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