



## MATERIALS DATA HANDLING SHEET

### 1. IDENTIFICATION OF THE MATERIAL AND SUPPLIER

**Product Name:** **GROW BETTER ORCHID GROWING MIX, SEED RAISING MIX, PROPAGATING MIX, CACTI & SUCCULENT POTTING MIX, BONSAI POTTING MIX**

**Recommended Use:** Planting Medium

**Supplier:** Grow Better Garden Products Pty Ltd  
**ABN:** 32 078 365 438  
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### 2. HAZARDS IDENTIFICATON

Based on available information, not classified as hazardous according to criteria of Safe Work Australia. NON HAZARDOUS SUBSTANCE.

Not classified a Dangerous Goods by the criteria of the Australian Dangerous Goods Code (ADG Code) for transport by Road and Rail. NON-DANGEROUS GOODS.

Poison Schedule – NON HAZARDOUS

### 3. COMPOSITION / INFORMATION ON INGREDIENTS

Components	CAS Number
Composted Bark	-
Crushed Quartz	-
Trace Elements	-
Wetting Agent	-

#### 4. FIRST AID MEASURES

##### **Inhalation:**

Avoid breathing dust and/or liquid mists (bio aerosols). Remove casualty from contaminated area, into fresh air. If irritation persists, seek medical advice.

##### **Skin Contact:**

If skin contact occurs, remove contaminated clothing and wash with soap and water. If irritation persists, seek medical advice.

##### **Eye Contact:**

If in eyes, hold eye open and flood with water for 10-15 minutes. If irritation persists, seek medical advice.

##### **Ingestion:**

If swallowed, rinse mouth with water and seek medical advice. Contact poisons information centre for additional assistance.

##### **Medical attention and special treatment:**

Contact poisons information centre 13 11 26. Treat symptomatically.

#### 5. FIRE FIGHTING MEASURES

##### **Hazards from combustion products:**

Product is non-combustible.

##### **Precautions for fire fighters and special equipment:**

Wear suitable protective clothing and self-contained breathing apparatus.

##### **Suitable Extinguishing Media:**

Not combustible. Use media suitable for surrounding fire conditions.

## 6. ACCIDENTAL RELEASE MEASURES

### **Emergency procedures:**

If contamination of sewers or waterways has occurred advise local emergency services.

### **Methods and materials for containment and clean up:**

Contain – prevent run off into drains and waterways. Collect and seal in suitably labelled containers for reuse or disposal.

## 7. HANDLING AND STORAGE

### **Conditions for safe storage:**

Product quality may be compromised by exposure to above-ambient temperatures and ultraviolet light. To preserve product quality, store in a cool, dry, well-ventilated area out of direct sunlight.

Keep containers closed when not in use.

### **Spills and Disposal:**

For the disposal of small spillages clean up by wet sweeping or vacuuming and remove with ordinary solid waste. Avoid dust formation.

### **Precautions for safe handling:**

Keep out of reach of children.

Avoid breathing dust and/or liquid mists (bio aerosols).

## 8. EXPOSURE CONTROL / PERSONAL PROTECTION

### **Occupational Exposure Limits:**

Exposure limits have not been established for the ingredients in this product.

### **Engineering controls:**

Natural ventilation should be adequate under normal use conditions. Avoid dust formation.

### **Personal Protective Equipment:**

Avoid contact with eyes and skin.

Avoid breathing dust and/or liquid mists (bio aerosols).  
Wear suitable protective clothing and standard duty gloves (AS161)  
If exposed to dust and/or liquid mists, also wear dust resistant eye protection (AS/NXS 1336) and particular respirator (AS/NZS 1715 and 1716).  
Wash thoroughly immediately after handling.  
Wash work clothes regularly.

## 9. PHYSICAL AND CHEMICAL PROPERTIES

<b>Physical state:</b>	Chunky solid
<b>Colour:</b>	Dark brown
<b>Odour:</b>	Earthy
<b>Solubility:</b>	Insoluble
<b>Specific Gravity:</b>	Not applicable
<b>Vapour Pressure:</b>	Not applicable
<b>Flash Point:</b>	Not applicable
<b>Melting Point:</b>	Not applicable

## 10. STABILITY AND REACTIVITY

<b>Chemical stability:</b>	Stable under normal conditions of use.
<b>Conditions to avoid:</b>	Avoid dust generation.
<b>Incompatible materials:</b>	None known.
<b>Hazardous decomposition Products:</b>	None known.
<b>Hazardous reactions:</b>	None known.

## 11. TOXICOLOGICAL INFORMATION

Symptoms or effects that may arise if the product is mishandled contrary to this Materials Data Handling Sheet and product label or if overexposure occurs are:

<b>Ingestion:</b>	May result in gastro-intestinal infections
<b>Eye contact:</b>	Exposure to the dust and / or liquid mists (bio aerosols) may cause physical irritation to the eyes.
<b>Skin contact:</b>	Repeated or prolonged skin contact may lead to irritation and skin dryness.
<b>Inhalation:</b>	Breathing in dust may result in irritation to nose and throat.
<b>Other:</b>	Inhalation of dust and/or liquid mists may irritate, inflame or sensitise the nose, throat and lungs resulting in illnesses ranging from hay fever or asthma, to pneumonia (eg: Legionnaire's disease) or pneumonia-like illnesses. Direct contact with this material or its dust and/or liquid mists (bio aerosols) 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.
<b>Long Term Effects:</b>	See above.
<b>Toxicological Data:</b>	No LD50 data available for this product.

## 12. ECOLOGICAL INFORMATION

**Ecotoxicity**                      Avoid contaminating waterways.

## 13. DISPOSAL CONSIDERATIONS

### **Disposal methods:**

Refer to local government authority for disposal recommendations.

## 14. TRANSPORT INFORMATION

### **Road and Rail Transport**

Not classified as Dangerous Goods by the criteria of the Australian Dangerous Goods Code (ADG Code) for transport by Road and Rail; NON-DANGEROUS GOODS.

**Marine Transport**

Not classified as Dangerous Goods by the criteria of the International Maritime Dangerous Goods Code (IMDG Code) for transport by sea; NON-DANGEROUS GOODS.

**Air Transport**

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

**15. REGULATORY INFORMATION**

**Classification:** Based on available information, not classified as hazardous According to criteria of Safe Work Australia; NON-HAZARDOUS SUBSTANCE.

**Poisons Schedule:** None allocated.

**16. OTHER INFORMATION****Reason(s) for Issue:**

5 Yearly Revised Primary MDHS

Although every care has been taken in compiling the above information it summarises to our best knowledge at the date of issue, the chemical health and safety hazards of the material and general guidance on how to safely handle the material in the workplace. Since Grow Better cannot anticipate or control the conditions under which the product may be used, each user must, prior to usage, assess and control the risks arising from its use of the material.