



**M COLLINS & SONS  
(CONTRACTORS) PTY LTD**



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## **MATERIAL SAFETY DATA SHEET**

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### **Native Mix**

Hazardous according to criteria of the  
National Occupational Health and Safety Commission.

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IMPORTANT NOTICE: This Material Safety Data Sheet (MSDS) is issued by M. Collins and Sons (Contractors) Pty Ltd in accordance with National Occupational Health and Safety Commission guidelines. The information contained in this document must not be added to, deleted or altered. M. Collins and Sons (Contractors) Pty Ltd will issue a new MSDS when there is change in the product specifications and/or with the National Occupational Health and Safety Commission guidelines/regulations. M. Collins and Sons (Contractors) Pty Ltd will not accept any responsibility for any changes made to its MSDS in content by any other person or organisation.

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**DATE OF ISSUE: 5 February 2003**

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## Company Details

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## Identification

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### General

**Product Name:** Native Mix  
**Other Names:** Not Relevant  
**UN Number:** No UN Number Allocated  
**Dangerous Goods Class:** No Dangerous Goods Class Allocated  
**Subsidiary Risk:** No Subsidiary Risk Allocated  
**Hazchem Code:** No Hazchem Code Allocated  
**Poisons Schedule Number:** No Poisons Schedule Number Allocated

### Product Description

Soil blend as defined by AS4419.

### Use

This product is designed to be used with Phosphorus sensitive plants. It should be applied using a suitable instrument.

## Physical Description/ Properties

**Appearance:** A light tawny coloured fine particle sized sandy soil with some larger organic particles and a slight eucalyptus type odour.

**Boiling Point:** Not Relevant

**Melting Point:** Not Relevant

**Vapour Pressure:** Not Relevant

**Specific Gravity:** Not Relevant

**Flashpoint:** Not Relevant

**Flammability Limits:** Not Relevant

**Solubility in Water:** Not Soluble

## Other Properties

**pH:** 4.5 to 6.0

**EC:** 1.00 to 2.00 dS/m

**Bulk Density:** 0.8 to 1.3 tonnes/m<sup>3</sup>

## Ingredients

This product is a blend of extractive materials, composted organic material and sawdust.

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## Health Hazard Information

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### Acute Health Effects

**Swallowed:** Ingestion is unlikely through normal use. However, swallowing any amount of this product may cause abdominal discomfort and potentially increase the risk of gastro-intestinal infections.

**Eye:** In the event that any dose of this material or the dust and/or liquid mist (bioaerosols) comes into contact with the eyes it may have an irritating effect resulting in redness and watering or an infection.

**Skin:** Any level of skin contact with this product and/or their dusts and liquid mists (bioaerosols) may lead to skin irritations and in susceptible people skin sensitisation, dermatitis or skin infection.

**Inhaled:** Inhalation of any amount of dust and/or liquid mists (bioaerosols) from this product may irritate, inflame or sensitise the nose, throat and lungs, and exacerbate pre-existing conditions such as asthma, hayfever and bronchitis.

### Chronic Health Effects

The repeated inhalation of dust and/or liquid mist (bioaerosols) from these products may lead to respiratory irritation, inflammation or sensitisation. This may lead to illnesses such as asthma, bronchitis, hayfever, pneumonia (eg Legionnaires disease) or other pneumonia-like illnesses. Children, pregnant women, the elderly, people with pre-existing conditions or the immuno-compromised, may be at a particular risk from these illnesses if exposed to this product. It is not recommended to repeatedly swallow this material or repeatedly allow it to come into contact with the eyes. All people who come into contact with this product should safeguard themselves adequately from tetanus.

## **First Aid**

**Swallowed:** The patient should be given water to drink and medical attention should be sought if any abdominal symptoms occur.

**Eye:** Eyes should be immediately and thoroughly flushed with lukewarm water for as long as necessary to alleviate the problem (although approximately 10 minutes can be used as a guide). Professional medical assistance should be sought if the symptoms persist.

**Skin:** The affected areas should be washed thoroughly with mild soap and lukewarm water as quickly as possible.

**Inhaled:** If an irritation occurs, the affected parties should be moved (or move themselves) away from the product or its dusts or mists (bioaerosols) into a source of fresh air.

### **First Aid Facilities:**

Facilities should be available where this product is used to carry out the first aid procedures outlined above.

### **Advice to Doctor**

Treat symptomatically.

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## Precautions for Use

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**Exposure Standards:** There is no specific standard for composts and potting mixes. However, M. Collins and Sons (Contractors) Pty Ltd recommend that exposures of the product or its dusts or mists (bioaerosols) to the skin and eyes, along with swallowing and inhalation, should be minimised through the adoption of the protective measures contained in this MSDS.

**Engineering Controls:** Any involvement with these products should be conducted in such a way as to avoid contact with the skin and eyes along with swallowing and inhalation. It should also minimise the exposure to dusts or mists (bioaerosols).

### Personal Protection

**Respiratory Protection:** An approved respirator should be worn that is suitable for respirable particulates and which conforms with AS/ NZS 1715 and AS/ NZS 1716 when exposed to dust and/ or liquid mist (bioaerosols). The standards should be followed in the selection, fit testing, use, storage and maintenance of the respiratory equipment.

**Skin Protection:** Standard duty gloves according to AS 2161 should be worn along with boots and comfortable loose clothing. Long sleeved shirts and long trousers are recommended if a skin irritation occurs or a person has a history of skin conditions. All clothing should be laundered regularly.

**Eye Protection:** Non-fogging dust resistant goggles or safety glasses guided by AS/ NZS 1336 should be worn if there is a risk of dust and/ or liquid mist (bioaerosols) contacting the eyes.

## **Flammability**

This product can be flammable if ignited. It should therefore be stored away from ignition sources. The areas where these products exist, and the vicinity of these areas, are recommended to be kept as non-smoking zones.

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## **Safe Handling and Storage**

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### **Storage and Transport**

No special storage or transport requirements necessary, although the material should be kept away from ignition sources.

### **Spills and Disposal**

Waste material can be disposed of as trade waste in accordance with the local authority guidelines.

### **Fire/Explosion Hazard**

Burning in a confined space may release dangerous levels of carbon monoxide and other harmful gases.

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## **Contact Point**

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**Title:** The Occupational Health and Safety Officer  
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