

# SAFETY DATA SHEET

## Superior Potting Mix



### Section 1: Substance Identification and Supplier

**Product Name:** Superior Potting Mix  
**Other Names:** No other name  
**Chemical Formula:** No chemical formula  
**Recommended Use:** Potting Mix  
**Company Identification Address:** Custom Mix 2024 Limited  
82A Trig Road, Whenuapai, Auckland  
021 331 607 (New Zealand)  
**Hours of Operation:** Monday – Friday 7.30 am – 4.00 pm  
**National Poisons Information Centre:** 0800 POISON (0800 764 766)  
0800 CHEMCALL (0800 243 622) (24hr) (Emergencies Only)  
**Emergency Telephone Number:** 111 – tell the operator what service is needed: Fire, Ambulance, Police

### Section 2: Hazard Identification

**NSNO Hazard Classification.** Not classified as hazardous according to the criteria found in the Hazardous Substances (Minimum Degrees of Hazard) Regulations 2001.

#### Bagged Potting Mix & Compost

**Hazard:** Legionella longbeachae

Open bags of composted potting mix slowly, directing the opening away from the face to avoid inhaling the mix.  
Wet the soil to reduce dust when potting plants.

### Section 3: Composition Information

INGREDIENT	CAS No.	INGREDIENT
Composted Pinus radiata and organic material	N/A	>90%
Fertilisers	N/A	<10%

### Section 4: First Aid Measures

**First Aid Measures** Immediately Consult the National Poisons Centre or a doctor at 0800 POISON (0800 764 766) in every case of suspected poisoning.

**Inhalation:** If ill effects occur, remove the patient to fresh air and keep at rest in a position comfortable for breathing. Seek medical assistance.  
This product may contain microorganisms, some of which may be harmful to one's health. In particular, one needs to be aware of the naturally occurring Legionella bacterium, which may be inhaled and could lead to serious illnesses such as Legionnaires' disease. Some people are more at risk, including smokers and those with underlying medical conditions. Serious infection is rare but life-threatening. Seek medical advice if the patient develops high fever respiratory symptoms, including a cough or trouble breathing, headaches, stomach pains or chills within 2 – 14 days of exposure or inhalation. Further information can be found on the Ministry of Business Innovation & Employment website.

**Ingestion:** Never give anything by mouth to an unconscious person. If large quantities have been swallowed, rinse mouth with water and give 1 to 2 glasses of fluids to dilute (if conscious). Do NOT induce vomiting.

- Skin:** Seek medical advice. If skin contact occurs, remove contaminated clothing and wash the affected area thoroughly with soap and water. If it causes any irritation, seek medical advice. Wash hands thoroughly before eating.'
- Eye:** Immediately flush with a gentle stream of water until irritation is gone, holding eyelids open if necessary. Remove contact lenses if present and easy to do. Seek medical attention if the eye irritation or infection occurs.

## Section 5: Fire Fighting Measures

- Combustion Products:** Not combustible
- Extinguishing Media:** Media is not combustible. Use appropriate extinguishing media for the surrounding materials.
- Protective Equipment:** Use appropriate apparatus, including breathing apparatus goggles and protective globes for the surrounding materials.
- HAZCHEM Code:** None allocated.

## Section 6: Accidental Release Measures

- Spills and Disposal:** Protect yourself and others from injury or from inhaling dust. Wear appropriate protective clothing. For either large or small spills, contain the spill and sweep up. Collect and place in sealable containers. Avoid generating dust. Reuse or recycle where possible.
- Protective Clothing:** For appropriate personal protective equipment, see section 8.
- Environmental:** Avoid unintended release of excessive amounts into waterways or sewers. If contamination of sewers or waterways occurs, advise local emergency services.

## Section 7: Handling and Storage

- Handling:** Read the safety data sheet and/or packaging information prior to opening and using this product. Pay particular attention to the information surrounding safe use and handling and the risk regarding micro-organisms, including Legionella. Only use this product as intended. Keep product damp and avoid generating dust. Do not breathe dust. Keep away from animals and supervise children when using this product. Use only outdoors or in a well-ventilated area. Avoid Skin, mouth and eye contact. Do not eat, drink or smoke when using this product or in areas that. May come in contact with this product. Always wear gloves and wash your hands immediately after, particularly before eating, drinking or smoking.
- Storage:** Store in a well-ventilated, cool, dry area. Ensure containers/packages are adequately labelled or in Their original packaging is protected from physical damage and sealed when not used. Avoid Unintended release into the environment.
- Other Information:** **Approved Handler:** Not required  
**Tracking:** Not required  
**Record Keeping:** Not required

## Section 8: Exposure Control/Personal Protection

- Exposure Limits:** Inhalable Time Weighted Average (TWA): 10 mg/m<sup>3</sup>  
Respirable dust Time Weighted Average (TWA): 3mg/m<sup>3</sup>  
Total Exposure Limit (TEL): Not assigned
- Engineering Controls:** Use only in a well-ventilated area. If dust generated water to dampen down the media. Avoid Inhalation of dust. Packaging should be kept closed when not in use.
- Protective Equipment:** **Respiratory Protection:** Ensure adequate ventilation at all times. Avoid breathing dust. If required, where a suitable mask Or particulate respirator according to AS/NZS 1715/1716.

**Skin Protection:**

Avoid direct contact with skin. Always wear appropriate gloves, such as nitrile gloves or those. Specified in AS/NZS 2161 and wash hands, arms and any skin that may have come into contact with the media with soap and water immediately after use and particularly before eating, drinking Or smoking. Wash any contaminated clothing or other protective equipment before storing or Reusing.

**Eye Protection:**

Avoid contact with eyes. If there is a risk of dust exposure, wear dust-resistant eye protection as Specified in AS/NZS 1336 and ensure that the media is damp to reduce the generation of dust.

## Section 9: Physical and Chemical Properties

<b>Appearance:</b>	Gold and Brown solid with coloured fertilise prills
<b>Odour:</b>	Earthy and Organic
<b>Bulk Density:</b>	400 – 500
<b>pH:</b>	5.0 – 6.0
<b>Solubility in Water:</b>	Insoluble in Water
<b>Freezing Point:</b>	No data available
<b>Vapour Pressure:</b>	No data available
<b>Vapour Density:</b>	No data available
<b>Boiling Point:</b>	No data available

## Section 10: Stability and Reactivity

<b>Stability:</b>	The product is stable under normal conditions of use.
<b>Conditions to Avoid:</b>	Avoid contact with foodstuffs, hands, eyes and face. Avoid inhalation of dust.
<b>Incompatible Materials:</b>	Avoid contact with other chemicals. Incompatible with oxidising agents, oxides of carbon, oxides Of phosphorus, oxides of sulphur and oxides of ammonia.
<b>Hazardous Decomposition</b>	
<b>Products:</b>	None allocated

## Section 11: Toxicological Information

<b>Ingestion:</b>	No adverse health effects should occur if the media is handled in accordance with this Safety Data Sheet and the recommendations made on the packaging. Ingesting large amounts of the media It may cause nausea and vomiting and lead to abdominal discomfort and increased risk of Gastrointestinal infections.
<b>Skin:</b>	Contact with skin may lead to skin irritation or infection, and in sensitive people, may lead to Dermatitis.
<b>Inhalation:</b>	Inhalation of the media may irritate or aggravate pre-existing conditions such as hay fever or Asthma. Inhalation may also lead to irritation or inflammation of the nose, throat or lungs and lead. To infections. Serious illness may also result, such as Legionnaires disease.
<b>Eye:</b>	Dust may cause redness or watering of the eye and lead to irritation or infection.
<b>Other Information:</b>	People working with these products may also be exposed to tetanus, and people should ensure they are adequately protected against tetanus.
<b>Toxicity Data:</b>	There is No LD50 Information available for the product.

## Section 12: Ecological Information

<b>Ecotoxicity:</b>	Contain the media and avoid unintended release into streams, groundwater and waterways.
<b>Persistence:</b>	No information available

<b>Degradability:</b>	No information available
<b>Mobility:</b>	No information available
<b>Bio-accumulation:</b>	No information available
<b>Other Adverse Effects:</b>	No information available

### Section 13: Disposal Information

**Product Disposal:** Observe any local authority national and regional restrictions that may apply. Dispose of the product according to these observances. Dispose of all empty packaging by placing it into the domestic rubbish or according to local authority instruction.

### Section 14: Transport Information

**Transport Requirements:** Protect from extreme heat, moisture and strong acids or oxidising agents.

**Road and Rail Transport:** Not classified as a Dangerous Good under NZ5433:2012 Transport of Dangerous Goods on Land.

**Air Transport:** Not classified as a Dangerous Good by the criteria of the International Air Transport Association (IATA) Dangers Goods Regulation for transport by air: Non Dangerous Goods.

**Marine Transport:** Not Classified as Dangers Goods by the criteria of the International Maritime Dangerous Goods Code (IMDG) for transport by sea. Non Dangerous Goods.

### Section 15: Regulatory Information

**EPA New Zealand Approval Code:** Based on available information, not classified as hazardous according to criteria in the Hazardous Substances (Minimum Degrees of Hazard) Regulations 2001.

### Section 16: Other Information

This SDS supersedes all previous versions and was reviewed to include HSNO requirements.

**The data in this SDS relates only to the specific material designated herein and does not relate to use in combination with any other material. The information is provided in good faith based on current knowledge and experience. No warranty with regard to the product properties is expressed or implied.**

#### Reason for Issue

To provide information and data on the product's health and safety hazards and guidance on how to handle them in the workplace safely.

**Custom Mix 2024 Limited cannot control the conditions or environment where the product is used, and each user must, prior to usage, assess and control the risks arising from the use of this product.**

**Contact Custom Mix 2024 Limited if further information is required. Contact details are on Page 1.**