

# SAFETY DATA SHEET

## Professional Low Phosphorus Patio Mix



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### Section 1: Substance Identification and Supplier

**Product Name:** Professional Low Phosphorus Patio Mix  
**Other names:** No other name  
**Chemical formula:** No chemical formula  
**Recommended Use:** Potting Mix or Soil Amendment  
**Company Identification: Address:** Daltons Limited  
266 Hinuera Road West  
Matamata 3440  
**Customer Centre:** 0800 808 150 (New Zealand) Hours of operation:  
Monday – Friday 7.30 a.m. – 5.00 p.m.  
**National Poisons Information Centre:** 0800 POISON (0800 764 766)  
0800 CHEMCALL (0800 243 622) (24hr) (Emergencies Only)  
**Emergency Telephone Number:** 111 - tell operator what service is needed: Fire,  
Ambulance, Police

### Section 2: Hazard Identification

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

### Section 3: Composition Information

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

### Section 4: First Aid Measures

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

**Inhalation:** If ill effects occur, remove 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 illness 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 or 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 affected area thoroughly with soap and water. If it causes any irritation seek medical advice. Wash hands thoroughly before eating.

**Eye:** Immediately flush with 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 eye irritation or infection occurs.

**Advice to Doctor:** Treat symptomatically, taking into account risk factors including the potential for serious illness including Legionnaires' disease as already outlined.

### Section 5: Fire Fighting Measures

|                              |  |
|------------------------------|--|
| <b>Combustion Products:</b>  | Not combustible.   |
| <b>Extinguishing Media:</b>  | Media is not combustible. Use appropriate extinguishing media for the surrounding materials.                         |
| <b>Protective Equipment:</b> | Use appropriate apparatus including breathing apparatus goggles and protective gloves for the surrounding materials. |
| <b>HAZCHEM Code:</b>         | None allocated.  |

### Section 6: Accidental Release Measures

|                             |  |
|-----------------------------|--|
| <b>Spills and Disposal:</b> | Protect yourself and others from injury or from inhaling dust. Wear appropriate protective clothing. For either large or small spills; contain spill and sweep up. Collect and place in sealable containers. Avoid generating dust. Reuse or recycle where possible. |
| <b>Protective Clothing:</b> | For appropriate personal protective equipment see section 8.   |
| <b>Environmental :</b>      | 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

|                           |  |
|---------------------------|--|
| <b>Handling:</b>          | Read the packaging information and/or the safety data sheet 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 dusts. Do not breathe dusts. 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 hands immediately after use and particularly before eating, drinking or smoking. |
| <b>Storage:</b>           | Store in a cool, dry, well-ventilated area. Ensure containers/ packages are adequately labelled or in their original packaging, protected from physical damage and sealed when not in use. Avoid unintended release into the environment.  |
| <b>Other Information:</b> | <b>Approved Handler:</b> Not required<br><b>Tracking:</b> Not required<br><b>Record Keeping:</b> Not required  |

**Section 8: Exposure Control/Personal Protection**

|                              |  |
|------------------------------|--|
| <b>Exposure Limits:</b>      | Inhalable Time Weighted Average (TWA): 10 mg/m <sup>3</sup><br>Respirable dust Time Weighted Average (TWA): 3 mg/m <sup>3</sup><br>Total Exposure Limit (TEL): Not assigned  |
| <b>Engineering Controls:</b> | Use only in a well ventilated area. If dust generated water to dampen down the media. Avoid inhalation of dust. Keep packaging closed when not in use.   |
| <b>Protective Equipment:</b> | <b>Respiratory Protection:</b><br>Ensure adequate ventilation at all times. Avoid breathing dust. If required where a suitable mask or particulate respirator according to AS/NZS 1715/1716.<br><br><b>Skin Protection:</b><br>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 which 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.<br><br><b>Eye Protection:</b><br>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 generation of dust. |

**Section 9: Physical And Chemical Properties**

|                             |   |
|-----------------------------|---|
| <b>Appearance:</b>          | Coarse Brown solid with pumice and coloured fertiliser prills |
| <b>Odour:</b>               | Earthy and Organic  |
| <b>Bulk Density:</b>        | 450 - 550   |
| <b>pH:</b>                  | 4.5 - 5.0   |
| <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>                        | 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 oxidizing agents, oxides of carbon, oxides of phosphorus, oxides of sulphur and oxides of ammonia. |
| <b>Hazardous Decomposition 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 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 hayfever or asthma. Inhalation may also lead in 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

|                          |  |
|--------------------------|--|
| <b>Product Disposal:</b> | Observe any local authority, national and regional restrictions that may apply. Dispose of the product according to these observances. Dispose of the empty packaging by placing into the domestic rubbish or according to local authority instructions. |
|--------------------------|--|

### Section 14: Transport Information

|                                 |  |
|---------------------------------|--|
| <b>Transport requirements:</b>  | Protect from extreme heat, moisture and strong acids or oxidizing agents.  |
| <b>Road and Rail Transport:</b> | Not classified as a Dangerous Good under NZ5433:2012 Transport of Dangerous Goods on Land.   |
| <b>Air Transport:</b>           | Not classified as a Dangerous Good by the criteria of the International Air Transport Association (IATA) Dangerous Goods Regulation for transport by air: Non Dangerous Goods. |
| <b>Marine Transport:</b>        | Not Classified as Dangerous Goods by the criteria of the International Maritime Dangerous Goods Code (IMDG) for transport by sea. Non Dangerous Goods.                         |

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### 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.**

#### Prepared and revised by

Quality Assurance and Technical (Daltons Ltd)

#### Reason for Issue

To provide information and data on health and safety hazards of the product and to give guidance on how to safely handle in the workplace.

**Daltons Ltd 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 Daltons Ltd if further information is required. Contact details are on Page 1.**

**ALWAYS READ THE LABEL BEFORE USING THE PRODUCT**