

SAFETY DATA SHEET

Daltons Commercial Potting Mix 8/9



Last Reviewed: 12/08/2024
Expiry: 12/08/2029

Section 1: Substance Identification and Supplier

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| Product Name | Daltons Commercial Potting Mix 8/9 |
| Other Names | No other name |
| Chemical Formula | No chemical formula |
| Recommended Use | Potting mix or soil conditioner / amendment. |
| Company Identification | Daltons Limited |
| Address | 266 Hinuera Road West Matamata, 3440 New Zealand |
| Customer Centre | Phone 0800 808 150 (New Zealand) Hours of operation: Monday-Friday 7:30am – 5:00pm |
| National Poisons Information Centre | Phone 0800 POISON (0800 764 766) Phone 0800 CHEMCALL (0800 243 622) 24hr Emergencies Only |
| Emergency Telephone Number | 111 - Tell operator which services are required (fire, ambulance, police) |

Section 2: Hazard Identification

Based on current information, not classified as hazardous according to the criteria found in the Hazardous Substances (Minimum Degrees of Hazard) Regulations 2001 and Globally Harmonized System of Classification.

Section 3: Composition Information

| Ingredient | Wt% | CAS No. |
|---|------|---------|
| Composted <i>Pinus radiata</i> bark and other organic materials | >90% | N/A |
| Fertilisers & additives | <10% | N/A |

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

Avoid breathing dust, vapours and mists.

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 micro-organisms which can be harmful to human health. Although rare, inhalation of the naturally occurring *Legionella* bacterium may lead to serious illness such as Legionnaire's disease. Individuals at high risk are smokers, the elderly and those with compromised immunity. Serious infection is rare but can be life threatening.

Seek medical advice if you develop high fever, respiratory symptoms including a cough or trouble breathing, headaches, stomach pains or chills within 2 – 14 days of exposure or inhalation.

Ingestion

If large quantities have been swallowed, rinse mouth with water and give 1-2 glasses of fluids to dilute (if conscious). Never give anything by mouth to an unconscious person. Do NOT induce vomiting unless directed to do so by a medical professional.

Skin

If skin contact occurs, remove contaminated clothing and wash affected area thoroughly with soap and water. If irritation persists, seek medical advice. Wash hands thoroughly before eating.

Eye

Immediately flush eyes with gentle stream of water until irritation ceases or for at least 15 minutes, holding eyelids open if necessary. Remove contact lenses if present and easy to do so. Seek medical attention if eye irritation or infection occurs.

Advice to Physician

Treat symptomatically, considering risk factors including the potential for serious illness including Legionnaire's disease as outlined above.

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Section 5: Fire Fighting Measures

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| Combustion Products | Not combustible. If material is involved in a fire use: Fine water spray, normal foam, dry agent (carbon dioxide, dry chemical powder). |
| Extinguishing Media | Fine water spray, normal foam, dry agent (carbon dioxide, dry chemical powder). Use appropriate extinguishing media for the surrounding materials. |
| Protective Equipment | Use appropriate equipment including a breathing apparatus, goggles, and protective gloves. |

Section 6: Accidental Release Measures

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| Spills and Disposal | Avoid inhaling any dust, vapours or mists that may be present. Wear appropriate protective clothing. Contain all spills immediately and sweep up. Collect and place in sealable containers. Avoid generating dust. |
| 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

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| Handling | Read the packaging information and 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. |
| Storage | 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. Store away from children, animals, food, and drink. Avoid unintended release into the environment. |
| Approved Handler | Not required. |
| Tracking | Not required. |
| Record Keeping | Not required. |

Section 8: Exposure Control/Personal Protection

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| Exposure Limits | No value assigned for this specific product by EPA or NZ Department of Labour Health and Safety. Workplace Exposure Standards for particulates not otherwise classified: Inhalable Time Weighted Average (TWA): 10 mg/m ³ Respirable dust Time Weighted Average (TWA): 3 mg/m ³ Total Exposure Limit (TEL): Not assigned. |
| Engineering Controls | Use only in a well-ventilated area. Avoid generation and inhalation of dust by keeping media moist. Keep packaging closed when not in use. |

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Section 8: Exposure Control/Personal Protection

Protective Equipment

Respiratory Protection

Always ensure adequate ventilation. Avoid breathing dust. If required wear 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 which may have come into contact with the product with soap and water immediately after use and particularly before eating, drinking, or smoking. Wash any contaminated clothing and 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 generation of dust.

Section 9: Physical and Chemical Properties

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| Appearance | Coarse brown solid with fertiliser prills. |
| Odour | Earthy / organic |
| Odour threshold | No data available. |
| Bulk density | 400 – 800 kg/m ³ |
| pH | No data available. |
| Solubility in water | No data available. |
| Melting/freezing point | No data available. |
| Boiling point | No data available. |
| Flash point | No data available. |
| Flammability | No data available. |
| Upper/lower flammability | No data available. |
| Vapour pressure | No data available. |
| Vapour density | No data available. |
| Relative density | No data available. |
| Partition coefficient | No data available. |
| Auto-ignition temperature | No data available. |
| Decomposition temperature | No data available. |

Section 10: Stability and Reactivity

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| Stability | Stable under normal conditions. |
| Conditions to Avoid | Avoid contact with foodstuffs, hands, eyes, and face. Avoid inhalation of dust. Avoid smoking whilst using this product. |
| Incompatible Materials | Avoid contact with other chemicals. |
| Hazardous Decomposition Products | None allocated. |

Section 11: Toxicological Information

No adverse health effects should occur if the product is handled in accordance with this Safety Data Sheet and the recommendations made on the packaging.

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| Ingestion | Ingestion may cause nausea, vomiting and abdominal discomfort, and increase the risk of gastrointestinal complaints. |
| Skin | Contact with skin may lead to skin irritation and dermatitis. |
| Inhalation | Inhalation of the product may irritate or aggravate pre-existing respiratory conditions such as hayfever or asthma. Inhalation may also lead to irritation or inflammation of the nose, throat, or lungs. Serious illness may also result such as Legionnaires disease. See Section 4. |
| Eye | Dust may cause redness or watering and lead to irritation or infection. |

Section 12: Ecological Information

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| Ecotoxicity | Contain the media and avoid unintended release into streams and waterways. |
| Persistence | No data available. |
| Degradability | No data available. |
| Mobility | No data available. |
| Bioaccumulation | No data available. |
| Other adverse effects | No data available. |

Section 13: Disposal Information

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| Product disposal | 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 domestic rubbish or according to local authority instructions. |
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Section 14: Transport Information

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| 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) Dangerous Goods Regulation for transport by air: Non Dangerous Goods. |
| Marine Transport | Not Classified as Dangerous 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.

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.

Disclaimer

The information in this Safety Data Sheet is provided in good faith and based on current knowledge, experience, and information at the date of issue. The information herein is provided only as a guideline for safe product use, handling, storage, disposal and transportation.

No warranty regarding the product properties is expressed or implied.

This information relates exclusively to the product and may not be valid when used in combination with other materials or in other processes.

This product must be used strictly as directed.

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 THIS PRODUCT