

Burdett's Safety Data Sheet



Soils, Blended Soils & Turf Sand

Section 1. Supplier & Product Information

Company Information

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| Company | Burdett Sand Soil & Stone Pty Ltd |
| <i>Address</i> | P.O. Box 4123 Langwarrin 3910 |
| <i>Telephone</i> | (03) 9789 8266 / 0428 267 143 |
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Product Information

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| <i>Other Names</i> | Turf Blend | Banksia Mix |
| | Blended Organic Soil | Bio Filter Media |
| | Brown Turf Sand | Project-specific blends |
| <i>Use</i> | General gardening, landscaping, horticultural, top dressing | |

Section 2. Hazard identification

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| <i>Hazardous Classification</i> | Not classified as a Hazardous Substance |
| <i>UN Number</i> | None Allocated |
| <i>Dangerous Goods Class</i> | Not classified as a Dangerous Good |
| <i>Hazchem Code</i> | None Allocated |
| <i>Poisons Schedule Number</i> | None Allocated |
| Health Hazard Information | |
| <i>Swallowed</i> | Unlikely source of exposure. May cause abdominal discomfort and is a possible source of gastro intestinal infections |
| <i>Eyes</i> | Dust may irritate the eyes, causing redness or irritation |
| <i>Skin</i> | Skin contact with products or their dusts may result in skin irritation. Some people may experience sensitisation, dermatitis or skin infection. Cuts, lacerations or splinters may be possible. |
| <i>Inhalation</i> | Inhalation of dust may irritate the nose, throat or lungs and aggravate pre-existing conditions such as asthma and bronchitis. Repeated exposure to respirable crystalline silica (refer below) |
| <i>Acute (short-term)</i> | Exposure to dust may irritate respiratory system, eyes and skin. |
| <i>Chronic (long term)</i> | Repeated inhalation of dust from these products may result in respiratory irritation, inflammation or sensitisation resulting in illness ranging from hay fever and asthma to pneumonia. The elderly, those with pre-existing respiratory diseases may be at higher risk from these illnesses. People working with horticultural products should ensure that they are adequately protected from tetanus. |
| <i>Other Information</i> | Sand and soil are not recognised as carcinogens. Crystalline silica (a component of sand) is listed by IARC but not by NTP or OSHA |

| Section 3. Composition/information on ingredients | |
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| <i>Chemical entity</i> | Product-specific blend of organic material, soil and sand |
| <i>Other information</i> | Soil component may contain micro-organisms such as bacteria, fungi and protozoa, manure and compost |
| <i>CAS No.</i> | Sand component: 14808-60-7 |

| Section 4. First-aid measures | |
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| <i>Swallowed</i> | Give water to drink. Seek medical attention if any abdominal symptoms occur. Contact Poisons Information (13 11 26) |
| <i>Dust in Eye</i> | Flush eyes with running water for 15 minutes. If irritation persists seek medical assistance |
| <i>Skin</i> | Wash thoroughly with mild soap and water. If irritation persists seek medical attention |
| <i>Inhalation</i> | Remove to fresh air. Dust in throat or nasal passages should clear spontaneously. If irritation persists seek medical attention |
| <i>Advice to doctor</i> | Treat symptomatically |

| Section 5. Fire-fighting measures | |
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| <i>Flammability</i> | Not flammable |
| <i>Fire/explosion hazard</i> | Not flammable or explosive |

| Section 6. Accidental release measures | |
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| <i>Spills and disposal</i> | Follow precautions in this SDS. Where dust may be generated, we recommend wetting spilled material and/or the use of respiratory protective equipment. Avoid sweeping as dust is likely to be created. Pick up and re-use clean materials |

| Section 7. Handling and storage | |
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| <i>Engineering controls</i> | Follow protective controls described in this SDS when handling this product. Avoid generating dust |
| <i>Ventilation</i> | Local exhaust or general ventilation adequate to maintain exposure below appropriate exposure limits |

| Section 8. Exposure controls/personal protection | |
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| <i>Exposure standards</i> | No specific exposure standard has been assigned for soils. TWA of nuisance dust = 10mg/m ³ |
| Personal Protective Equipment | |
| <i>Respiratory protection</i> | If inhalation risk exists, we recommend the use of a suitable dust mask meeting the requirements of AS/NZS 1715 & AS/NZS 1716. Follow applicable respirator use & fitting instructions |
| <i>Skin protection</i> | Wear gloves or barrier cream - wash work clothes after use |
| <i>Eye protection</i> | Safety glasses or dust goggles should be worn when excessively dusty conditions are present or anticipated |
| <i>Other Control Measures</i> | Respirable dust levels should be monitored regularly. Reduce exposure by wetting, ventilation and enclosed equipment |
| <i>Hygiene Measures</i> | When using do not eat, drink or smoke. Wash hands prior to eating, drinking or using the toilet. Avoid eye contact or prolonged skin contact. We advise that eyewash stations and safety showers should be available. |

| Section 9. Physical and chemical properties | |
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| <i>Appearance</i> | Light grey, tan or brown, with earthy or light earthy odour |
| <i>Melting Point</i> | Not generally applicable (sand component = 1680°C) |
| <i>Vapour Pressure (mm Hg @ 25 °C)</i> | Not applicable |
| <i>Flammability Limits</i> | Not applicable |
| <i>Specific Gravity</i> | 2.4 – 2.8 |
| <i>Solubility in water</i> | Generally dispersible |
| <i>pH</i> | 4 – 8 Approx. (product-specific) |
| <i>Bulk Density (g/cm³)</i> | 1.1 – 1.6 Approx. (product-specific) |

| Section 10. Stability and reactivity | |
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| <i>Chemical Stability</i> | Material is considered to be stable under normal conditions |
| <i>Conditions to Avoid</i> | None known |
| <i>Incompatible Materials</i> | Powerful oxidising agents |
| <i>Hazardous Decomposition Products</i> | Oxides of carbon, nitrogen, smoke & other toxic fumes |
| <i>Hazardous Reactions</i> | None known |

| Section 11 Toxicological information | |
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| <i>Toxicology</i> | Sand & soil are considered to be inert products and not considered to have any short or long term toxicological effects |

| Section 12. Ecological information | |
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| <i>Environmental Hazard</i> | Sand & soil are considered to be inert products and not considered to have any short or long term environmental effects |

| Section 13. Disposal consideration | |
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| <i>Disposal</i> | Dispose of waste materials in accordance with applicable federal, state, and local laws and regulations |

| Section 14 Transport information | |
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| <i>Dangerous Goods</i> | Not classified as a Dangerous Good for the purposes of transport by land, air, sea or rail |

| Section 15 Regulatory information | |
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| <i>Applicable legislation</i> | No particular legislation relates to this product |

Section 16 Other information

This Safety Data Sheet is issued by Burdett Sand Soil & Stone Pty Ltd in accordance with GHS guidelines. As such, information contained herein must not be altered, deleted or added to. Burdett Sand Soil & Stone Pty Ltd will issue a new SDS when there is a change in product specification and/or GHS guidelines, or at a minimum every 5 years. Burdett Sand Soil & Stone Pty Ltd will not accept responsibility for changes made to the content of this SDS by any person or organisation

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