

TEA TREE MULCH – SDS

1. MATERIAL DATA	3. HAZARD INFORMATION																																																															
<p>Product Name: Tea Tree Mulch</p> <p>UN Number: N/A</p> <p>Hazchem Code: N/A</p> <p>Subsidiary Risk: N/A</p> <p>Dangerous Goods Class: N/A</p> <p>Poisons Schedule: N/A S22, S25</p> <p>Safety Phrases: Do not breathe dust. Avoid contact with eyes.</p> <p>Recommended Use: This product is used for landscaping and general horticultural purposes.</p> <p>The dust and mists (bio-aerosols) from this product are hazardous according to the criteria of Worksafe Australia.</p>	<p>Direct contact with, or inhalation of organic material or its dust may result in skin or eye irritation or, more rarely, respiratory illness including hay fever, asthma or pneumonia. No significant risk factors have been found for this product.</p>																																																															
2. PHYSICAL DESCRIPTION/PROPERTIES	4. FIRST AID																																																															
<p>Description: Tea Tree Mulch - Fine Chop</p> <p>Appearance: Dark brown woody like appearance – strands of fibre</p> <p>Components: Tea Tree Mulch is a by-product of the harvest and distillation process of the tea tree plant. Finely chopped pieces of a tea tree plant.</p> <p>Physical & Chemical Properties: Physical Description & colour: Dark brown woody fibre strands. Odour: Aromatic Tea Tree fragrance. Boiling Point: Not applicable. Freezing/Melting Point: Decomposes before melting. Volatiles: No data. Will have a moisture content. Vapour Pressure: No data. Vapour Density: Not applicable. Specific Gravity: No data. Water Solubility: Insoluble. pH: No data. Expected to be neutral. Volatility: No data. Odour Threshold: No data. Evaporation Rate: Not applicable. Coeff Oil/water Distribution: Not applicable. (log P octanol/water) Viscosity: Not applicable. Auto ignition temp: No data. Refractive index: Not applicable. Optical rotation: Not applicable.</p> <p>Technical Data:</p> <table border="1"> <thead> <tr> <th>Sample Plant Analysis Report</th> <th>Unit %</th> <th>Measure</th> </tr> </thead> <tbody> <tr><td>Nitrogen</td><td>%</td><td>0.78</td></tr> <tr><td>Aluminium</td><td>mg/kg</td><td>150</td></tr> <tr><td>Arsenic</td><td>mg/kg</td><td><1</td></tr> <tr><td>Boron</td><td>mg/kg</td><td>17</td></tr> <tr><td>Calcium</td><td>%</td><td>0.55</td></tr> <tr><td>Cadmium</td><td>mg/kg</td><td><0.9</td></tr> <tr><td>Cobalt</td><td>mg/kg</td><td><1</td></tr> <tr><td>Chromium</td><td>mg/kg</td><td><1</td></tr> <tr><td>Copper</td><td>mg/kg</td><td>5.8</td></tr> <tr><td>Iron</td><td>mg/kg</td><td>190</td></tr> <tr><td>Potassium</td><td>%</td><td>0.64</td></tr> <tr><td>Magnesium</td><td>%</td><td>0.2</td></tr> <tr><td>Manganese</td><td>mg/kg</td><td>140</td></tr> <tr><td>Molybdenum</td><td>mg/kg</td><td><0.7</td></tr> <tr><td>Sodium</td><td>%</td><td>0.22</td></tr> <tr><td>Nickel</td><td>mg/kg</td><td>13</td></tr> <tr><td>Phosphorus</td><td>%</td><td>0.11</td></tr> <tr><td>Lead</td><td>mg/kg</td><td><4</td></tr> <tr><td>Sulfur</td><td>%</td><td>0.11</td></tr> <tr><td>Zinc</td><td>mg/kg</td><td>15</td></tr> </tbody> </table> <p>Chemical Residue: Tested by NSW agriculture to be NIL.</p> <p>Ecological Information: This product is biodegradable. It will not accumulate in the soil or water or cause long term problems. Expected to not be an environmental hazard.</p>	Sample Plant Analysis Report	Unit %	Measure	Nitrogen	%	0.78	Aluminium	mg/kg	150	Arsenic	mg/kg	<1	Boron	mg/kg	17	Calcium	%	0.55	Cadmium	mg/kg	<0.9	Cobalt	mg/kg	<1	Chromium	mg/kg	<1	Copper	mg/kg	5.8	Iron	mg/kg	190	Potassium	%	0.64	Magnesium	%	0.2	Manganese	mg/kg	140	Molybdenum	mg/kg	<0.7	Sodium	%	0.22	Nickel	mg/kg	13	Phosphorus	%	0.11	Lead	mg/kg	<4	Sulfur	%	0.11	Zinc	mg/kg	15	<p>4. FIRST AID</p> <p>Ingestion: Swallowing this product may cause immediate or delayed abdominal discomfort and potentially increase the risk of gastrointestinal infections. The patient should be given water to drink and medical attention should be sought if any abdominal symptoms occur. Vomiting should not be induced, but if vomiting occurs, the patient should be leant forward or placed on their left hand side to maintain an open airway.</p> <p>Eye: In the event that this material or the dust comes into contact with the eyes it may have an immediate or delayed irritating effect resulting in redness, watering and/ or infection. Eyes should be immediately and thoroughly flushed with lukewarm water for as long as necessary to alleviate the problem (or for at least 15 minutes). Ensure complete irrigation of the eye by keeping eyelids apart and away from eye and moving the eyelids by occasionally lifting the upper and lower lids. Removal of contact lenses after an eye injury should only be conducted skilled personnel. Professional medical assistance should be sought if symptoms persist.</p> <p>Skin: Skin contact with this product and/or their dusts may lead to immediate or delayed skin irritations and in susceptible people skin sensitisation, dermatitis and/or skin infection. The affected areas should be washed thoroughly with mild soap and lukewarm water as quickly as possible.</p> <p>Inhalation: Inhalation of dust from this product may have an immediate or delayed effect to irritate, inflame or sensitise the nose, throat and lungs, and exacerbate pre-existing conditions such as asthma and bronchitis. The repeated inhalation of dust from these products may lead to asthma, bronchitis, pneumonia or other pneumonia-like illnesses (e.g. Legionnaires disease). 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. If an irritation occurs, the affected parties should be moved (or move themselves) away from the product or its dusts into a source of fresh air. The patient should be laid down, kept warm and be rested. Prosthesis such as false teeth, which may block the airways, should be removed where possible prior to initiating first aid procedures. Professional medical attention should be sought if symptoms persist.</p>
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	5. PRECAUTION FOR USE																																																															
	<p>Tea Tree Mulch is made from materials, which may contain micro-organisms, such as bacteria, fungi and protozoa.</p>																																																															
	6. RESPIRATORY PROTECTION																																																															
	<p>The following Australian Standards will provide general advice regarding safety respiration equipment: Respiratory equipment: AS/NZS 1715. This product may contain micro organisms and bacteria. Avoid breathing dust or mist. Wear AS particulate mask if dusty. If irritation occurs, move person to fresh air.</p>																																																															
	7. SKIN/EYE/FOOT PROTECTION																																																															
	<p>The following Australian Standards will provide general advice regarding safety clothing and equipment: Protective Gloves: AS 2161, Industrial Clothing: AS2919, Industrial Eye Protection: AS1336 and AS/NZS 1337, Occupational Protective Footwear: AS/NZS2210. Wash skins with mild soap and water immediately after working with these materials.</p>																																																															
	8. IMPORTANT NOTICE																																																															
	<p>This Material Safety Data Sheet (MSDS) is issued by Rocky Point Mulching Pty Ltd in accordance with the Worksafe Australia Guidelines. As such the information contained herein must not be altered, deleted or added to. Rocky Point Mulching Pty Ltd will not accept any responsibility for any changes made to the content of its MSDS by any other person or organisation.</p>																																																															

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Creation Date: June 2016

This MSDS is valid for three years from the above creation date.