

| Product Identification | | Supplier MSDS Identification | |
|--------------------------------|---|------------------------------------|------------------------|
| Product trade name | Pine Bark Extract 95% proanthocyanidins | Supplier | Ingredients4u PTE. LTD |
| Type of product | Botanical / Plant Extract | Country of Origin | P.R. China |
| Botanical/Chemical name | Pinus pinaster Ait. | Emergency telephone | 021 - 23563588 |
| | | Date of Issue/Revision MSDS | 2024-12-15 |

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| CAS # | N/A | EINECS # | N/A |
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| Composition product | | Physical and chemical properties | |
|----------------------------------|--|----------------------------------|--|
| Botanical | Pinus pinaster Ait. | Physical form | Free flowing powder |
| Hazardous components | None | Colour (variations occur) | Red brown fine powder |
| Process additive residues | NMT international standards | Taste | Typical to botanical |
| Ecological status | Not considered dangerous for environment | Odour | Typical to botanical |
| Hazardous decomposition | Unknown | Stability | Stable under normal handling and storage |

| Hazards identification | Fire Explosion hazard |
|---|--|
| Emergency identification; See composition product and physical and chemical properties. | As with any fine particulate matter, accumulation of excessive dust on overhead structures may produce explosive concentrations when disturbed or dispersed. |
| Health effects; No harmful effects at normal application use have been identified. Consult medical advice for dosage application requirements and possible side effects of product. Abundant consumption can affect health status. Supplier of product is not responsible for any health-related issues and incidents. In case of irritation oral skin eyes inhalation ; review measures in first aid measures section | Fire Extinguishing Procedures; Do not enter any enclosed or confined fire space without wearing full protective clothing and self-contained breathing apparatus approved for firefighting. This is necessary to protect against the hazards of heat, products of combustion and oxygen deficiency. Do not breath smoke, gases or vapors generated. Comply to applicable laws and regulations in respect of fire extinguishing. Extinguishing Media; Carbon Dioxide Water spray Dry chemicals. |

| Prevention measures | First aid measures |
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| Personal protective measures; Eyes and Face ; Whenever airborne dust concentrations are high, appropriate protective eyewear, such as mono-goggles, should be worn to prevent eye contact. Inhaling protection ; Whenever dust, in the worker's breathing zone, cannot be controlled with ventilation, workers should wear respirators that are approved for protection against airborne dust. Protective clothing ; No special clothing required Gloves ; No special gloves required | Eyes; Flush thoroughly with water (minimum 15 min.), including under the eyelids. Call for medical attention if irritation continues. Skin; Wash thoroughly with soap and water. Wash contaminated cloths before re-use. Ingestion; Rinse mouth first and drink plenty of water after. Call for medical attention if discomfort continues. Inhalation; Remove to fresh air. Call for medical attention if breathing difficulties or discomfort continues. |
| Other preventive notifications; Powder becomes slippery when wet. Maintain good housekeeping practices to minimize accumulation of settled dust, especially on overhead surfaces. Sweep up the spilled material and dispose of in accordance with the waste disposal method outlined in disposal section in this document. | Toxicological effects; Eyes, skin, ingestion and inhalation effects; Low hazard for usual industrial handling but irritation might occur. Acute and/or chronic effects from overexposure; no indication of acute and/or chronic effects. |

| Handling, storage and disposal | Other information |
|--|--|
| Handling; Use proper ventilation/exhaust system to control exposure to dust. Maintain good housekeeping practices. Use safe lifting techniques when manually moving containers. Comply with national regulations in respect of manual lifting weights. | User of product is fully responsible for the compliance to the relevant local, state and federal laws and regulations in respect of application, specifications, process, safety, consumption, health and any other relevant items. |
| Storage; Store in tight containers in cool, dry, dark and ventilated environment. Do not store above 20 °C and avoid direct sunshine exposure. | Supplier of product cannot be held responsible for any violation of local, state or federal laws and regulations in respect of application, specifications, process, safety, consumption, health and another relevant items. |
| Disposal; No special disposal instructions. Comply with applicable local, state, and federal laws and regulations. | Supplier of product cannot be held responsible for any misconduct by user in respect of application, specifications, process, safety, consumption, health and other relevant items. |
| | MSDS is intended to provide safety, hazard and usage information. Supplier cannot be held responsible by this MSDS of non-compliance to existing MSDS regulations in user applicable local, state or federal laws. |

Disclaimer

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