



DATE OF ISSUE: October 13, 2020

SAFETY DATA SHEET

Annelida Casting Innovations, Stony Plain, AB

1. Identification

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|-------------------------|--|
| Product Identification: | SUPERCHAR - Premium Soil Additive |
| Description: | <p>Biochar is made from carbonized Southern Yellow Pine using a continuous flow pyrolysis system to heat the feedstock to 550 degrees Celsius for 10 minutes in an oxygen deprived environment.</p> <p>Inoculation and charging occurs by filling a 1000L tote with biochar and filling it with a mixture of vermicast extract, soft rock phosphate, volcanic rock dust, and mycorrhizal fungi until saturated. The tote is then drained of remaining liquid and dried to reduce overall moisture content.</p> |
| Formula / Ingredients: | <p>Biochar</p> <p>Worm casting extract</p> <p>Soft rock phosphate</p> <p>Volcanic rock dust</p> <p>Mycorrhizal fungi</p> |
| Product Use: | Soil structure enhancer and plant growth stimulator for agricultural and horticultural purposes |
| Company Identification: | Annelida Casting Innovations Stony Plain, Alberta, T7Z 0H6 Canada 1-780-777-WORM |

2. Hazard Identification

| | |
|--------------------------|----------------|
| Dangerous goods class: | none allocated |
| Subsidiary risk: | none allocated |
| Hazmat code: | none allocated |
| UN Numbers: | none allocated |
| Poisons schedule number: | none allocated |

3. Composition

| | |
|----------------|---------------|
| Common Name: | SUPER-BIOCHAR |
| Chemical Name: | None |
| CAS No.: | None |

4. First Aid

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|------------|--|
| Ingestion: | Swallowing SUPERCHAR may cause abdominal discomfort or irritation. Rinse mouth with amount amounts of water. Give plenty of water to drink. Seek medical attention. |
| Eye: | Direct contact of SUPERCHAR to the eye may result in eye discomfort or irritation. Flush eyes with large quantities of water for 10 minutes or longer. Seek medical attention if irritation persists. |
| Skin: | Skin contact with SUPERCHAR may result in skin irritation. Prolonged skin contact may lead to contact dermatitis. Wash skin with soap and water. If irritation results or continues, seek medical attention as required. |

5. Fire Fighting Measures

Product is non-flammable in normal conditions.

Product may smolder or ignite if exposed to temperatures above 230 degrees Celsius.

Breathing apparatus should be used by emergency personnel when extinguishing product fires.

6. Accidental Release Measures

- Environmental Precautions: Avoid uncontrolled run-off.
Prevent product from entering storm drains, waterways, cisterns, and aquifers.
- Personal Precautions: Avoid dust inhalation, use appropriate PPE.
- Spill containment and clean up: Sweep and collect spilled product.
Re-use if not contaminated.
Discard unwanted product with regular household refuse.

7. Handling and Storage

- Handling: Avoid dust inhalation.
Gloves may limit exposure and ease cleanup.
Work in well ventilated areas.
Wash excess off regularly.
Use soap and water frequently.
No special transport conditions are necessary.
- Storage: Store in a cool, well ventilated area.
Protect from exposure to direct sunlight.
Avoid letting Annelida SUPERCHAR dry out.
Product can be re-saturated with water or Annelida LIQUID EXTRACT.
Keep container sealed during storage.
Keep away from chemicals and chemical fertilizers.

8. Exposure Control / Personal Protection

Exposure Limits

| | |
|---------------------------|--|
| SUPERCHAR CAS#: | None |
| ACGIH TLV: | Unknown |
| OSHA / PEL: | Unknown |
| Skin and Body Protection: | None required. Long sleeves recommended. |
| Respiratory Protection: | A NIOSH approved respirator for dust is recommended. |
| Hand Protection: | Gloves may limit exposure. |
| Eye Protection: | None required. Safety glasses with side shields are recommended. |

9. Physical and Chemical Properties

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|-------------------|---|
| Appearance: | A black moist granular material, particle size approximately 0.5-6mm. |
| Moisture Content: | Approximately 40-60% |
| Solubility: | Not soluble in water |
| Odor: | None to slight smoky or earthy odour |
| pH: | 8 – 8.5 |
| Flammability: | May smolder or ignite at temperatures above 230 degrees Celsius. |

10. Stability and Reactivity

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|-----------------------------------|--|
| Chemical Stability: | This product is stable under normal, well ventilated conditions. |
| Reactivity: | This product is non-reactive under recommended storage conditions. |
| Hazardous Decomposition Products: | N/A |
| Conditions to Avoid: | Closely confined, non-ventilated storage areas. |

11. Toxicological Information

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|---------------------------------|--|
| Likely Routes of Exposure: | Eyes, Ingestion, Inhalation and Skin |
| Potential Health Effects: | Eyes – Potential eye irritant Ingestion – mild stomach irritant Inhalation – respiratory system irritant Skin – None known |
| Acute Toxicity: | No data available |
| Reproductive Toxicity: | No data available |
| Germ Cell Mutagenicity: | No data available |
| Specific Target Organ Toxicity: | Single Exposure – No adverse health effects expected under normal use. Repeated Exposure – No adverse health effects expected under normal use. |
| Carcinogenicity: | No data available |

12. Ecological Information

| | |
|--------------------------------|---|
| Toxicity: | Non – toxic |
| Persistence and Degradability: | Inherently biodegradable |
| Bio accumulative Potential: | None, does not bio accumulate |
| Mobility: | Potential for water contamination. Control run off. |

13. Disposal Considerations

This product is not considered as, and is not regulated as hazardous waste. May be disposed of with regular household refuse or used as a soil amendment in most horticultural and agriculture situations.

14. Transport Information

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| DOT: | This product is not regulated by the DOT |
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15. Regulatory Information

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|-------|--|
| OSHA: | No components of this product are listed as hazardous by OSHA |
| SARA: | No chemicals in this product are subject to the reporting requirements of SARA Title III Section 302 or 313. No chemicals in this product are subject to Section 311/312 of SARA |

16. Other information

The information contained in this SDS is accurate to the best of our knowledge, but may not be inclusive and should only be used as a general guide. The information in this SDS may not be valid if this product is used in combination with other products.

Available data, safety standards and government regulations are subject to change, therefore no warranty, guarantee, or representation with respect to completeness or accuracy of the information contained in this document is made.

The user of this product assumes all responsibility for compliance with any and all applicable Federal, Provincial, and local laws and environmental regulations.

The user of this product must also decide what safety measures should be in place to safely handle this product; the choice of safety measures, use, or misuse of this product are beyond the control and not the responsibility of Annelida Organics.

Contact Information

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