



MATERIAL SAFETY DATA SHEET

Product Name: Bio Soil Multi-Start

1. Product and Company Identification

Supplier: AgriLibrium (Pty) Ltd
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Melkbosstrand
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South Africa

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2. Composition / Information on Ingredients

Product description:

Water soluble neutral pH organic Fulvic acid soil ameliorant / conditioner with strong cation and anion exchange capacity to improve mineral nutrient availability and root uptakability thereof. It also improves microbial life in soils.

CAS NO: Not available
EINECS NO: Not available
Dangerous Ingredients: None
Hazchem: Inert

3. Hazards Identification

Important hazards: Non Hazardous

4. First Aid Measures

Not expected to require first aid measures

Skin Contact: Wash with water
Eye Contact: Flush with water
Ingestion: Drink water

5. Fire Fighting Measures

Extinguishing Media: Not considered a fire hazard
Special Hazards: Not considered an explosion hazard
Protection of Firefighters: In the event of a fire, wear full protective clothing and an approved self-contained breathing apparatus
Hazardous Decomposition Products: None

MSDS : Multi-Start

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| 6. Accidental Release Measures | |
|---|---|
| Personal Precautions: | Ventilate area of spill |
| Environmental Precautions: | Will not harm the environment, bio-degradable |
| Small and Large Spills: | Collect any spilt material and place in suitable container |
| 7. Handling and Storage | |
| Handling /Storage: | Store under cool conditions |
| Incompatible Materials: | None |
| 8. Exposure Controls / Personal Protection | |
| Personal Protection: | Product not dangerous |
| Hand Protection: | The product is not a skin irritant |
| Eye Protection: | The product is not an eye irritant, but safety goggles are recommended |
| Skin & Body Protection: | The product is not a skin irritant |
| 9. Physical and chemical properties | |
| Physical State: | Liquid |
| Colour: | Dark Brown |
| Odour: | None |
| pH (10% solution): | 6.0 ± 1 |
| Dry Matter: | N/A |
| Density: | 1170 kg/m ³ |
| 10. Stability and reactivity | |
| The product is stable for several years under cool storage conditions | |
| Conditions to Avoid: | Mixing with incompatible substances |
| Incompatible Materials: | Strong oxidising agents |
| Hazardous Decomposition Products: | Not Applicable |
| 11. Toxicological Information | |
| LD₅₀: | > 5 g/kg |
| Local Effects: | None |
| Skin and Eye Contact: | None Found |
| Chronic Toxicity: | None Found |
| Carcinogenicity: | None Found |
| Mutagenicity: | None Found |
| Reproductive Hazards: | None Found |
| 12. Ecological information | |
| Fish Toxicity: | According to OECD method No. 203 this product is classified as not fish toxic |
| Biodegradability: | According to OECD method No. 302B, this product is classified as inherently biodegradable |

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|-------------------------------|---------------------|--------------------|
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13. Disposal Considerations

| | |
|-------------------------------|---|
| Disposal Methods: | Dispose to general waste |
| Disposal of Packaging: | Empty drums and dispose of in accordance to local legislation |
| UN Number: | Not regulated |
| SABS 0228 | Not regulated |

14. Transport Information

No transport regulations for this product
Tremcard Number: Not Applicable

15. Regulatory Information

Not classified as dangerous for supply or conveyance

16. Other Information

Other Special Considerations: None Identified
History:

Date of Issue: 30/01/2013
Validated by: Dr C.Malan on 30/01/2013

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