



MATERIAL SAFETY DATA SHEET

Product Name: Bio Plant DynoCMZ

1. Product and Company Identification

Supplier: AgriLibrium (Pty) Ltd
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Melkbosstrand
7437
South Africa

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Emergency Telephone Number: +27 (0) 83 656 7780

2. Composition / Information on Ingredients

Product description:

Water soluble Copper, Zinc, Manganese amino-acid chelated product supplying these minerals in a bio-available form to optimize metabolism and to improve metabolism where inherent shortages occur.

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 : Vital Plant DynoCMZ

DATE : 30 January 2013

REVISION : 4

PAGE 1 OF 3

6. Accidental Release Measures	
Personal Precautions:	Ventilate area of spill
Environmental Precautions:	Will not harm the environment
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:	Blue green
Odour:	None
pH (10% solution):	4.3 ± 1
Dry Matter:	N/A
Density:	1320 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

MSDS : Vital Plant DynoCMZ		
DATE : 30 January 2013	REVISION : 4	PAGE 2 OF 3

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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