



## MATERIAL SAFETY DATA SHEET

**Product Name: Bio Plant CopperTrain**

### **1. Product and Company Identification**

**Supplier:** AgriLibrium (Pty) Ltd  
Suite #120  
Private Bag X1  
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7437  
South Africa

**Telephone No:** +27 (0) 21 553 4867

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

### **2. Composition / Information on Ingredients**

**Product description:**

Water soluble Copper amino-acid chelated product supplying this mineral in a bio- available form to optimize metabolism and the anti-oxidant system 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:** Harmful if swallowed. 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 CopperTrain**

**DATE : 30 January 2013**

**REVISION : 4**

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<b>6. Accidental Release Measures</b>	
<b>Personal Precautions:</b>	Ventilate area of spill
<b>Environmental Precautions:</b>	Poisonous at high concentrations
<b>Small and Large Spills:</b>	Collect any spilt material and place in suitable container
<b>7. Handling and Storage</b>	
<b>Handling /Storage:</b>	Store under cool conditions
<b>Incompatible Materials:</b>	None
<b>8. Exposure Controls / Personal Protection</b>	
<b>Personal Protection:</b>	Harmful if swallowed
<b>Hand Protection:</b>	The product is not a skin irritant.
<b>Eye Protection:</b>	The product is not an eye irritant, but safety goggles are recommended
<b>Skin &amp; Body Protection:</b>	The product is not a skin irritant
<b>9. Physical and chemical properties</b>	
<b>Physical State:</b>	Liquid
<b>Colour:</b>	Turquoise, green
<b>Odour:</b>	None
<b>pH (10% solution):</b>	2.0 ± 1
<b>Dry Matter:</b>	N/A
<b>Density:</b>	1260 kg/m <sup>3</sup>
<b>10. Stability and reactivity</b>	
The product is stable for several years under cool storage conditions	
<b>Conditions to Avoid:</b>	Mixing with incompatible substances
<b>Incompatible Materials:</b>	Strong oxidising agents
<b>Hazardous Decomposition Products:</b>	Not Applicable
<b>11. Toxicological Information</b>	
<b>LD<sub>50</sub>:</b>	> 5 g/kg
<b>Local Effects:</b>	None
<b>Skin and Eye Contact:</b>	None Found
<b>Chronic Toxicity:</b>	None Found
<b>Carcinogenicity:</b>	None Found
<b>Mutagenicity:</b>	None Found
<b>Reproductive Hazards:</b>	None Found
<b>12. Ecological information</b>	
<b>Fish Toxicity:</b>	High concentration can be toxic
<b>Biodegradability:</b>	According to OECD method No. 302B, this product is classified as inherently biodegradable

### 13. Disposal Considerations

<b>Disposal Methods:</b>	Dispose as poisonous waste
<b>Disposal of Packaging:</b>	Empty drums and dispose of in accordance to local legislation
<b>UN Number:</b>	Not regulated
<b>SABS 0228</b>	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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