

# V<sup>12</sup> Maxi K

## MATERIAL SAFETY DATA SHEET

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### 1. PRODUCT AND COMPANY IDENTIFICATION

**Distributed and Registered By:** Madumbi Sustainable Agriculture  
Postnet Suite 20, Private Bag X6011  
Hilton 3245  
Emergency Telephone no.:27 (0)33 342 3984

**Manufactured by:** Industrial and Consulting Services cc.  
P.O. Box 1168  
Hyper by the sea  
Durban 4053  
South Africa

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### 2. COMPOSITION/INFORMATION ON INGREDIENTS

**Product description:** A blend of specific plant supportive minerals chelated with amino acids.

**Uses:** Foliar Fertiliser

**Composition:** Macro and micro element mix.

**Dangerous ingredients:** None

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### 3. HAZARDS IDENTIFICATION

**Important hazards:** None

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### 4. FIRST AID MEASURES

**General:** The product is in no way toxic or hazardous but should still be kept out of reach of children and stored in its original containers.

**Inhalation:** Remove to fresh air. See a doctor if an allergic reaction occurs

**Skin Contact:** Wash with water. Seek medical advice if irritation occurs.

**Eye Contact:** Flush with water. Seek medical advice if irritation continues after flushing.

**Ingestion:** Drink water. Seek medical advice if irritation occurs.

**Advice to physician:** Treat symptomatically.

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### 5. FIRE FIGHTING MEASURES

**Type of material:** Non-combustible liquid

**Extinguishing Media:** Use media appropriate to surrounding fire.

**Hazardous Decomposition Products:** N/A

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### 6. ACCIDENTAL RELEASE MEASURES

**Environmental precautions:** Although the product is completely non-toxic it is still advisable to avoid the infiltration of large volumes into drains, surface water or ground water.

**Personal precautions:** Respiratory protection and safety goggles are recommended.

**Destruction and clean up:** Sweep or drain as much of the spilled volume as possible into a suitable container for disposal in accordance with local regulations. Wash area of remaining residue with water.

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### 7. HANDLING AND STORAGE

**Handling:** Take precautions to prevent excessive contact with skin.  
Wash hands well after handling.  
Avoid contact with eyes and inhalation of spray mist.

**Storage:** Store the product in its original container in a cool, shaded area. Suitable for all general storage areas.

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## 8. EXPOSURE CONTROLS/ PERSONAL PROTECTION

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|----------------------------------|--|
| <b>Respiratory protection:</b>   | Work with product in a well-ventilated area.   |
| <b>Hand protection:</b>          | The product is not a skin irritant but an allergic reaction may still be possible in sensitive people. Rubber gloves should be worn. |
| <b>Eye protection:</b>           | The product may cause slight eye irritation. Safety goggles should be worn.  |
| <b>Skin and body protection:</b> | The product is not a skin irritant although an allergic reaction is possible in sensitive people.                                    |

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## 9. PHYSICAL AND CHEMICAL PROPERTIES

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|-----------------------|-------------------------|
| <b>Physical state</b> | liquid                  |
| <b>Colour</b>         | dark brown              |
| <b>Odour</b>          | slight smell            |
| <b>pH</b>             | 8.1                     |
| <b>Density</b>        | 1.3                     |
| <b>Solubility</b>     | fully miscible in water |
| <b>Boiling point</b>  | N/A                     |
| <b>Flash point</b>    | N/A                     |
| <b>Melting point</b>  | N/A                     |

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## 10. STABILITY AND REACTIVITY

|                      |   |
|----------------------|---|
| <b>Stability</b>     | The product is stable under ordinary conditions of use and storage. The product may settle out over time and should thus be shaken well before use  |
| <b>Compatibility</b> | V12 <i>Maxi K</i> is compatible with the majority of agricultural remedies. Mixing with strong acid or alkalis may cause precipitation of solids. A miscibility test should be done before mixing with other chemicals. |

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## 11. TOXICOLOGICAL INFORMATION

None available

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## 12. ECOLOGICAL INFORMATION

None available

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## 13. DISPOSAL CONSIDERATIONS

None available

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## 14. TRANSPORT INFORMATION

There are no specific transport regulations for this product.

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## 15. REGULATORY INFORMATION

None

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## 16. PACKING AND LABELLING

Product is packaged in 20L or 5L high grade plastic drums. The drums are labelled according to South African regulations and guidelines (Act 36 of 1947).

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## 17. OTHER INFORMATION

The above information is provided only as a means of describing the product for the purpose of health and safety.

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