

# V12 Shoot

Act 36 of 1947 Group II Fertiliser. Reg B4510

## MATERIAL SAFETY DATA SHEET

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### 1. PRODUCT AND COMPANY IDENTIFICATION

**Distributed and Registered By:** Madumbi Sustainable Agriculture  
Postnet Suite 148, Private Bag X9118  
Pietermaritzburg 3200  
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 Unique blend of specific minerals, amino acids, vitamins and natural plant growth stimulants for the support of processes involved in photosynthesis and biological nitrogen fixation.

**Uses:** Foliar Fertiliser

**Composition:** Mg, Mn, Fe, Mo, Amino acids, Vitamins (C & B1), Triaccontanol (0.1%)

**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

**Eye Contact:** Flush with water

**Ingestion:** Drink water

**Advice to physician:** No special advice for treatment.

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### 5. FIRE FIGHTING MEASURES

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

**Extinguishing Media:** N/A

**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 vacuum, without creating dust, into a suitable container for disposal and wash area 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.

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## 8. EXPOSURE CONTROLS/ PERSONAL PROTECTION

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

<b>Physical state</b>	liquid
<b>Colour</b>	dark brown
<b>Odour</b>	slight meaty odour
<b>pH</b>	4.7
<b>Density</b>	1.21 @ 20°C
<b>Solubility</b>	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

**Stability** 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  
**Compatibility** V12 *Shoot* is compatible with the majority of agricultural remedies. A miscibility test should however 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 25L 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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