

# MycoUp Activ

## MATERIAL SAFETY DATA SHEET

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### 1. PRODUCT AND COMPANY IDENTIFICATION

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

**Manufactured by:** Symborg SL  
Campus de Espinardo, No. 7, Edificio CEEIM  
30100  
Espinardo, Spain  
Emergency Telephone no.:34 (0)968 899 250

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### 2. COMPOSITION/INFORMATION ON INGREDIENTS

**Product description:** Mycorrhizal fungi *Glomus iranicum var. tenuihypharum var. nov.* (1.2 x 10<sup>4</sup> spores/100ml) for use as a biological/agricultural soil conditioner.

**Hazardous ingredients:** None

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### 3. HAZARDS IDENTIFICATION

**Important hazards:** None, according to EEC criteria this product is NOT classified as a "hazardous preparation"

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### 4. FIRST AID MEASURES

**General measures:** Never give anything by mouth to an unconscious person. If you feel unwell, seek medical advice (show the label where possible).

**Inhalation:** Move the affected person to the fresh air. If not breathing, give artificial respiration. Call a doctor.

**Skin contact:** Remove contaminated clothes. After contact with skin, wash immediately with plenty of water.

**Eye contact:** Wash with plenty of water (during 20 minutes minimum) with eyes wide open after taking off soft contact lenses and immediately take medical advice.

**Ingestion:** Rinse mouth. Immediately call a POISON CENTER or doctor/physician.

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### 5. FIRE FIGHTING MEASURES

**Extinguishing Media:** Water, Foam, Carbon dioxide, etc

**Hazardous Decomposition Products:** Carbon dioxide, Carbon monoxide.

#### Advice for Firefighters

**Firefighting instructions:** Appropriate self-contained breathing apparatus may be required.

**Protection during firefighting:** Do not enter fire area without proper protective equipment, including respiratory protection.

**Other information:** Do not allow material to contaminate surface water system.

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### 6. ACCIDENTAL RELEASE MEASURES

**Environmental precautions:** None

**Personal precautions:** Wear suitable protective clothing, gloves and eye or face protection. Wear eye protection. Personal protective equipment. EN ISO 20345.

**Emergency procedures:** Evacuate personnel to a safe area.

**Destruction and clean up:** Sweep or vacuum into a suitable container for disposal and wash area with water.

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### 7. HANDLING AND STORAGE

<b>Handling:</b>	Avoid contact with skin and eyes. Do not eat, drink or smoke in areas where product is used. Wash hands and other exposed areas with soap and water before leaving work. Remove contaminated clothing and shoes. Wash clothing and equipment after handling.
<b>Storage:</b>	Stable under normal storage conditions. Keep dry. Product should only be kept in original packaging.
<b>Incompatible materials:</b>	None

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## 8. EXPOSURE CONTROLS/ PERSONAL PROTECTION

<b>Engineering measures:</b>	No specific measures are required provided the product is handled in accordance with general rules of occupational hygiene and safety.
<b>Personal protection:</b>	
<b>Hand protection:</b>	Chemical resistant gloves
<b>Eye Protection:</b>	Eye protection, including both chemical splash goggles and face shield, must be worn when possibility exists for eye contact due to spraying liquid or airborne particles.
<b>Respiratory protection:</b>	Extra personal protection: P2 filter respirator for harmful particles. Extra personal protection: P3 filter respirator for toxic particles

Comply with general rules of occupational health and safety.

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## 9. PHYSICAL AND CHEMICAL PROPERTIES

<b>Physical state:</b>	Solid powder
<b>Colour:</b>	Brown
<b>Odour:</b>	none
<b>pH:</b>	7.0 – 8.0
<b>Solubility in water:</b>	Soluble
<b>Solubility in organic solvents:</b>	Not determined
<b>Boiling point:</b>	Not determined
<b>Melting point:</b>	Not determined
<b>Flammability:</b>	Non flammable
<b>Flash point:</b>	Not determined
<b>Oxidising properties:</b>	Not determined
<b>Relative density:</b>	0.63 g/ml

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## 10. STABILITY AND REACTIVITY

<b>Stability:</b>	Stable under normal conditions of use.
<b>Hazardous reactions:</b>	No dangerous reaction known with common products.
<b>Conditions to avoid:</b>	Direct sunlight. Extremely low or high temperatures.

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## 11. TOXICOLOGICAL INFORMATION

<b>Acute Toxicity:</b>	Not determined. None expected.
<b>Eye damage/irritation:</b>	Moderate eye irritation and conjunctivitis.
<b>Respiratory or skin sensitization:</b>	Microorganisms may have the potential to provoke sensitizing reactions.

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## 12. ECOLOGICAL INFORMATION

<b>Destination of product:</b>	<b>Ultimate destination of the product: SOIL</b>
<b>Aquatic toxicity:</b>	Not determined.
<b>Persistence and degradability:</b>	Low, half-life 2 years.

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## 13. DISPOSAL CONSIDERATIONS

The product and contaminated packaging may safely be disposed of in a land fill or according to local regulations. There is no danger releasing the product into environment and residues may be disposed in sewage drains.

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## 14. TRANSPORT INFORMATION

There are no transport restrictions for this product.

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## 15. REGULATORY INFORMATION

It is not a hazardous mix according to Regulation (EC) No. 1272/2008

Symbol: Not applicable to a living organism

Risk Phrases: None – Non toxic

Safety Phrases: Keep locked up and out of reach of children, uninformed persons and animals  
Wash hands after use

National Legislation: Fertilizers, Farm Feeds, Agricultural Remedies and Stock Remedies Act (Act 36 of 1947)

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## 16. PACKING AND LABELLING

Product is packaged in sealed 1kg plastic / foil bags For bulk transporting, a number of these packages may be packed into a cardboard box. The packaging is labelled according to South African regulations and guidelines (Act 36 of 1947).

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## 17. OTHER INFORMATION

**Recommended Uses:** Plant growth stimulatory agent for various applications.

All information provided in this Material Safety Data Sheet (MSDS) is based on the current state of scientific and technical knowledge and is presented in good faith and believed to be correct. It is the responsibility of persons in receipt of this MSDS to ensure that the information contained herein is properly read and understood by all people who may use, handle, dispose or in any way come into contact with this product.

The attention of the user is drawn to the possible risks incurred by using the product for any other purpose other than that for which it was intended.

This does not in any way excuse the user from knowing and applying all the regulations governing his activity. It is the sole responsibility of the user to take all precautions required in handling the product.

The aim of the mandatory regulations mentioned is to help the user to fulfil his obligations regarding the use of hazardous products. This information is not exhaustive.

This does not exonerate the user from ensuring that legal obligations, other than those mentioned, relating to the use and storage of the product, do not exist. This is solely his responsibility.

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