

**SECTION 1. IDENTIFICATION OF THE SUBSTANCE/PREPARATION AND OF THE COMPANY/UNDERTAKING**

- 1.1 Product Identifier: Maxstim Rhizo Inoculant PGPR
- 1.2 Relevant identified uses: Substrate Microbial Structure Enhancer and Inoculator
- 1.3 Details of the Supplier of SDS: **Maxstim Limited, Elm House, Tanshire Park, Elstead, Surrey. GU8 6LB**
- 1.4 Emergency Telephone Number: Tel: +44 (0) 1252 279935 - Normal Hours are 08:00-17:00 Monday-Friday  
customer.services@maxstim.com

**SECTION 2. HAZARDS IDENTIFICATION**

- 2.1 Classification of the substance or mixture
- Classification: Not Classified
- Health Hazards: Not Classified
- Environmental Hazards: Not Classified
- 2.2 Label Elements
- Pictogram: N/A
- Signal Word: N/A
- Hazard-determining components of labelling: N/A
- Hazard Statements: N/A
- Precautionary Statements: N/A
- 2.3 Other Hazards N/A

**SECTION 3. COMPOSITION/INFORMATION ON INGREDIENTS.**

Not classified

**SECTION 4. FIRST AID MEASURES**

- 4.1 Description of first aid measures
- Inhalation: Remove from exposure. In severe cases, or if recovery is not rapid or complete seek medical attention.
- Skin Contact: Rinse with plenty of water. Remove contaminated clothing and wash before reuse. If irritation persists seek medical attention.
- Eye Contact: Irrigate thoroughly with water for at least 10 minutes. Obtain medical attention.
- Ingestion: Wash out mouth with water. Do not induce vomiting. If patient is conscious, give water to drink. If patient feels unwell seek medical attention
- 4.2 Most important symptoms and effects, both acute and delayed
- General Information: None under normal use
- 4.3 Indication of any immediate medical attention and special treatment needed
- General Information: None under normal use

**SECTION 5. FIRE-FIGHTING MEASURES**

- 5.1 Extinguishing Media Use extinguishing media suitable to the surrounding fire conditions
- 5.2 Special Hazards Arising from the Substance or Mixture May give off fumes if heated to decomposition. Do not breathe fumes
- 5.3 Advice for firefighters Self-contained breathing apparatus may be required.

**SECTION 6. ACCIDENTAL RELEASE MEASURES**

6.1 Personal precautions, protective equipment and emergency procedures

6.2 Environmental precautions

6.3 Methods and material for containment and cleaning up

Refer to protective measures listed in section 7 "Handling and Storage".

Avoid pollution of sewers and watercourses.

Contain and sweep up spillages. Place unusable material in labelled containers or plastic bags for disposal. Wet residues are slippery; wash floor to remove traces.

## SECTION 7. HANDLING AND STORAGE

7.1 Precautions for Safe Handling

Handle in accordance with good hygiene practice. Keep away from foodstuffs.

7.2 Conditions for safe storage, including any incompatibilities

Keep dry. Packs should be stored closed to avoid moisture ingress. Avoid prolonged contact with metals.

7.3 Specific end uses

## SECTION 8. EXPOSURE CONTROLS/PERSONAL PROTECTION

8.1 Control Parameters

Occupational exposure limits: N/A

8.2 Exposure Controls

Protective Equipment: Nitrile gloves may be worn for personal hygiene purposes. Wear coverall and rubber boots when dealing with bulk spillages.

Appropriate Engineering Controls: Ensure adequate ventilation in the work area

## SECTION 9. PHYSICAL AND CHEMICAL PROPERTIES

Physical state: Liquid solution

Colour: Brown

Odour: Treacle like

Odour threshold: Not determined

pH value: ~ 5

Initial melting point (°C): N/A

Initial boiling point and boiling range (°C): N/A

Flash point (°C): N/A

Flammability (solid): Product is non-flammable

Ignition temperature (°C): N/A

Decomposition temperature (°C): N/A

Self-flammability (°C): Product is not self-igniting

Danger of explosion (°C): Product is not explosive

Vapour Pressure: N/A

Bulk density: 1.20-1.28 g/ml

Vapour density: N/A

Evaporation rate: N/A

Solubility in/miscibility with water at 20°C: N/A

Partition coefficient (n-octanol/water): N/A

Viscosity dynamic at 20°C:

## SECTION 10. STABILITY AND REACTIVITY

10.1 Reactivity:

Product has long-term stability under normal conditions.

10.2 Chemical stability

Not applicable

10.3 Possibly hazardous reactions

Avoid mixing with strong oxidising agents, strong acids, strong bases, hypochlorites, aldehydes, allyl chloride.

10.4 Conditions to avoid

10.5 Incompatible materials

10.6 Hazardous decomposition products

No known hazardous decomposition products

**SECTION 11. TOXICOLOGICAL INFORMATION**

11.1 Information on toxicological effects      Products not classified. Unlikely to be hazardous under normal conditions of use.

**SECTION 12. ECOLOGICAL INFORMATION**

12.1 Toxicity      Contains nutrients essential for plant growth.  
12.2 Persistence and degradability      Components are biodegradable. Avoid contamination of watercourses.  
12.3 Bioaccumulative potential      Does not bioaccumulate

**SECTION 13. DISPOSAL CONSIDERATION**

Product      Use Local Authority or licensed waste disposal contractor.  
Packaging      Treat as industrial waste.

**SECTION 14. TRANSPORT INFORMATION**

General Information      This product is not covered by international regulations on the transport of dangerous goods (IMDG, IATA, ADR/RID)

14.1 UN Number      N/A  
14.2 UN Proper Shipping Name      N/A  
14.3 Transport hazard class(es)      No transport warning sign required  
14.4 Packing group      N/A  
14.5 Environmental hazards      None  
14.6 Special precaution for user      N/A  
14.7 Transport in bulk according to Annex II MARPOL 73/78 and the IBC code.      N/A

**SECTION 15. REGULATORY INFORMATION**

15.1 Safety, health and environmental regulations/legislation specific for the substance or mixture      EU legislation  
Regulation (EC) No 1272/2008 of the European Parliament and of the Council of 16 December 2008 on classification, labelling and packaging of substances and mixtures (as amended). Regulation (EC) No 1907/2006 of the European Parliament and of the Council of 18 December 2006 concerning the Registration, Evaluation, Authorisation and Restriction of Chemicals (REACH) (as amended).

15.2 Chemical safety Assessment      No Chemical Safety Assessment has been carried out for this substance/mixture by the supplier

**SECTION 16. OTHER INFORMATION**

Key literature references and sources for data      European Chemicals Agency <http://echa.europa.eu/>

Further information:      The information contained in this leaflet is given in good faith. It is accurate to the best of our knowledge and belief and represents the most up-to-date information at the time of publication. Providing our products are handled and used in accordance with the label instructions, they should offer no hazard to health or safety.