

Sustainable Farming Solutions

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Safety Data Sheet
Issue Date: 13/09/18

Product Name: MicroPlus

Not classified as hazardous according to The Globally Harmonised System of Classification and labeling of Chemicals (GHS) including Work, Health and Safety regulations, Australia.

1. IDENTIFICATION

Product Name	MicroPlus
Product Use	Soil biological ameliorant
Chemical Name	Mycorrhiza, Trichoderma, Bacillus, Streptomyces, Pseudomonas, Azospirillum, Azotobacter, Azorhizobium.

2. HAZARDS IDENTIFICATION

Hazard category:	Non hazardous. Non dangerous goods. Contains beneficial non-pathogenic micro-organisms with no known allergic or irritating side effects when used as directed.
Risk phrases:	May cause slight irritation to eyes.
Safety phrases:	Keep out of reach of children Avoid contact with eyes
Prevention:	It is advisable to wear safety glasses, gloves and a dust respirator.
Symptoms & Effects:	May be harmful if absorbed through skin. Do not expose to open cuts and wounds; may cause irritation to mucous membrane if digested.
Other hazard information:	Nil

3. COMPOSITION/ INGREDIENTS

Mycorrhiza, Trichoderma, Bacillus, Streptomyces, Pseudomonas, Azospirillum, Azotobacter, Azorhizobium
Inerts – Clay
CAS – N/A

4. FIRST AID MEASURES

Inhalation:	Remove victim to fresh air. Investigate possible misuse of material. Seek medical attention.
Ingestion:	Rinse mouth with water. Give person water to sip if able to swallow. If a large quantity ingested induce vomiting and consult physician. Never give anything by mouth to an unconscious person. No effect expected if ingested in small quantities.
Eye:	Remove contact lenses. Immediately irrigate with copious amount of water for at least 15 minutes. Eyelids to be held open. Seek medical advice.
Skin:	Wash affected skin with water. Take off contaminated clothing.
First Aid Facilities:	Normal washroom facility.

Advice to Doctor: Treat symptomatically.

5. FIRE FIGHTING MEASURES

Extinguishing Media: Use extinguishing media suitable for surrounding fire situation.
Specific Hazards: Nil.

6. ACCIDENTAL RELEASE MEASURES

Spills & Disposal: Contain and collect using absorbent material. Small spills may be flushed to sewer. Dispose of to landfill. No effect on environment.

7. HANDLING AND STORAGE

Handling: Repeated or prolonged exposure to the concentrate without personal protection should be avoided in order to lessen the possibility of disorders. It is essential that all who come into contact with this material maintain good standards of personal hygiene ie washing hands prior to eating, drinking or going to the toilet. Keep container closed and bung in place.

Storage: Keep containers closed when not in use and securely sealed and protected against physical damage. Inspect regularly for deficiencies such as damage or leaks. Best stored below 25°C. Do not freeze.

8. EXPOSURE CONTROLS, PERSONAL PROTECTION

Exposure Limits: No value assigned for this specific material by the National Occupational Health and Safety Commission. However as with all chemicals exposure to concentrate should be kept to the least possible level.

Respiratory Protection: Recommended when handling powder.

Eye Protection: Safety glasses.

Hand Protection: Incidental skin contact is not harmful. Wash skin immediately after exposure.

Body Protection: N/A

Engineering Controls: N/A

Other information: No biological limit value allocated.

9. PHYSICAL AND CHEMICAL PROPERTIES

Appearance: Grey Powder
Odour: Earthy odour
pH: 6 to 8 in water
Solubility in Water: 95%
Bulk Density: 0.8-0.95g/cc
Physical State: Powder
Flash Point: Not flammable.
Flammability: Not flammable.

10. STABILITY AND REACTIVITY

Stability: Stable under normal conditions of storage and handling.
Hazardous polymerization: Will not occur.

Materials to avoid: Strong oxidizing agents.
Hazardous decomposition products: None known.
Hazardous reaction: Not a fire hazard.

11. TOXICOLOGICAL INFORMATION

Toxicology Information:	Not available. Active ingredients practically non-toxic, non-allergenic and non-pathogenic to mammals.
Inhalation:	Ingredients considered non hazardous when used as directed.
Ingestion:	Not a likely source of exposure, however moderate quantities of concentrate may cause irritation.
Skin:	Not available.
Eye:	Not available.
Chronic Effects:	No known adverse effects.

12. ECOLOGICAL INFORMATION

Environ Protection:	No data available on this product.
Mobility:	No data available on this product.
Persistence:	No data available on this product.
Bioaccumulation:	No data available on this product.
Ecotoxicity:	No data available on this product.

13. DISPOSAL CONSIDERATIONS

Dispose of waste according to federal, EPA , state and local regulations.
Assure conformity with all applicable regulations.

14. TRANSPORT INFORMATION

Un number:	None allocated.
Proper Shipping Name:	None allocated.
DG Class:	None allocated.
Hazchem Code:	None allocated.
Packing Group:	None allocated.
EPG Number:	None allocated.
IERG Number:	None allocated.

15. REGULATORY INFORMATION

Safety Phrase:	S2 Keep out of reach of children. S25 Avoid contact with eyes.
Poisons Schedule:	Not Scheduled.

16. OTHER INFORMATION

The data and recommendations presented herein are based upon research of others believed to be accurate. However, no warranty is expressed or implied regarding this data or the results to be obtained from use thereof. Sustainable Farming Solutions assumes no responsibility for the injury to customers or third party proximity caused by the material if reasonable safety procedures are not adhered to as stipulated in this data sheet.

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