

Sustainable Farming Solutions

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Safety Data Sheet

Issue Date: 14/03/18

Product Name: Soil Activator

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: Soil Activator
Other Names: None

2. HAZARDS IDENTIFICATION

Safety phrases: Keep out of reach of children
Avoid contact with eyes
Hazard category: Non hazardous. Non dangerous goods.
Other hazard information: This material is classed as non-hazardous and generally classed as non harmful through short-term or intermittent exposure, however care should be taken to avoid contact with eyes and because it is not a food-grade product it should not be swallowed.

3. COMPOSITION/ INGREDIENTS

Ingredients: Amino acids, vitamins, seaweed extracts, humus, fish & molasses.

4. FIRST AID MEASURES

Inhalation: If patient is overcome by odor, remove them to fresh air.
Ingestion: Small quantities are not harmful; rinse mouth with fresh water. Give a glass of water to drink and seek medical attention if larger quantities consumed.
Eye: Mild irritation, similar to soap. Irrigate immediately with water or neutral saline solution.
Skin: No significant problems. Wash with soap and water.
First Aid Facilities: Normal washroom facility.
Advice to Doctor: Treat symptomatically.

5. FIRE FIGHTING MEASURES

Extinguishing Media: Water, foam, carbon dioxide or dry chemical powder.
Specific Hazards: If stored incorrectly product may putrefy and gas causing the bottle to expand. Carefully release pressure by slightly loosening cap.
Fire/Explosion Hazard: Not flammable. No hazardous decomposition of product.

6. ACCIDENTAL RELEASE MEASURES

Spills & Disposal: Dilute with water. A spill may create a slippery surface. Apply absorbent such as sand to absorb liquid. Do not allow washing to contaminate drains, sewers, streams, ponds or any waterway.

7. HANDLING AND STORAGE

Storage: Store in a cool area out of direct sunlight.

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: Use in ventilated area.

Eye Protection: Safety glasses. Similar irritant to soap.

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

Body Protection: Not required.

Engineering Controls: Use in a ventilated area.

9. PHYSICAL AND CHEMICAL PROPERTIES

Appearance: Brown translucent liquid

Odor: Mild fermentation odor

Boiling Point: 100°C

pH: 3.2 - 4

Solubility in Water: Readily miscible in water

Specific Gravity: 1.05

Physical State: Liquid.

Flash Point: Not flammable.

Flammability: Not flammable.

Flammability limits LEL: Not flammable.

Corrosiveness: Water based – slightly corrosive

10. STABILITY AND REACTIVITY

Stability: Stable under normal conditions of storage and handling.

Hazardous decomposition products: None

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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