

# Sustainable Farming Solutions

(Sustainable Ventures Pty Ltd ACN 076 001 100)



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Safety Data Sheet  
Issue Date: 14/03/18

## Product Name: Soil Enhancer

### 1. IDENTIFICATION

Other Names: None

### 2. HAZARDS IDENTIFICATION

GHS Hazard Classification Classified as Hazardous according to the Globally Harmonised System of Classification and labelling of Chemicals including Work, Health and Safety regulations, Australia.  
Eye Damage/Irritation: category 2A.

Signal Word:  
Signal Word Pictogram:



Hazard Statements

H316 Causes mild skin irritation.  
H320 Causes eye irritation.

Precautionary Statements:

P102+P103  
P264  
P280  
P305+P351 + P338

Keep out of reach of children.  
Wash hands and exposed skin thoroughly after handling.  
Wear protective gloves and eye protection.  
IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.  
If skin irritation occurs: Get medical attention.  
If eye irritation occurs: Get medical attention.  
Dispose of contents/container to an approved waste disposal plant.

P332 + P313  
P337 + P313  
P501

### 3. PRODUCT IDENTIFICATION

Ingredients: Water, brown coal, dilute alkali, Kelp extracts, Potassium  
Proportion 100%

### 4. FIRST AID MEASURES

Inhalation: Mild irritant. Can only occur when spraying a diluted solution as not a volatile liquid. If inhaled, blow out and seek medical attention.  
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: IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing for at least 15 minutes. Consult a doctor if irritation occurs.  
Skin: Mild irritant, slippery feel, similar to soap. Wash off with water immediately. Remove all contaminated clothing and wash skin and hair with soap and plenty of water. Consult a doctor if skin irritation occurs.

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First Aid Facilities: Normal washroom facility.  
Advice to Doctor: Treat symptomatically.

## 5. FIRE FIGHTING MEASURES

Extinguishing Media: Water, foam, carbon dioxide.  
Specific Hazards: No unusual fire and explosion hazards. Continual heating may cause expansion and violent rupture of containers.  
Fire/Explosion Hazard: Non flammable water-based product. It can only ignite if dried to a powder.

## 6. ACCIDENTAL RELEASE MEASURES

Spills & Disposal: Dilute with water. A spill may create a slippery surface. Mop up spills and dispose in appropriate land fill or according to Federal, State and Local regulations. Non-toxic and non-corrosive. For larger spills cover drains and contain the spill using absorbent material, dry sand or earth. Sweep and shovel into suitably labelled, closed containers for disposal.

## 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 fitted with side shields should be worn at all times.  
Hand Protection: Handle with impervious gloves.  
Body Protection: It is advisable to wear protective clothing during handling. Suitable cotton overall buttoned up at neck and wrists recommended.  
Engineering Controls: Use in a ventilated area.

## 9. PHYSICAL AND CHEMICAL PROPERTIES

Appearance: Dark brown to black coloured liquid.  
pH: 9.5 - 12  
Solubility in Water: 100%  
Specific Gravity: 1.17  
Physical State: Liquid.  
Flash Point: Not relevant  
Flammability: Non-flammable water based liquid  
Corrosiveness: Water based – slightly corrosive

## 10. STABILITY AND REACTIVITY

Stability: Stable under normal conditions of storage and handling. Not volatile liquid, no harmful gases given off.  
Incompatibility: Solutions with pH below 3  
Hazardous decomposition products: Stable liquid with no hazardous decomposition products. No hazardous polymerization.  
Hazardous reaction: Not a fire hazard.

## 11. TOXICOLOGICAL INFORMATION

Toxicology Information: None known or anticipated if used according to directions.  
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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