

# Sustainable Farming Solutions

(Sustainable Ventures Pty Ltd ACN 076 001 100)



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## Safety Data Sheet

Issue Date: 14/03/21

### Product Name: Super Kelp SP

Not classified as hazardous according to The Globally Harmonised System of Classification and labeling of Chemicals (GHS) including Work, Health and Safety regulations, Australia.11

## 1. IDENTIFICATION

Product Name Super Kelp SP  
Chemical Name Kelp soluble powder

## 2. HAZARDS IDENTIFICATION

GHS Hazard Classification: Ingredients non-hazardous according to GHS.  
Precautionary Statements: Keep out of reach of children.  
Avoid contact with eyes.  
Wash hands after use.  
The product does not require any specific labelling elements to identify hazard.

## 3. COMPOSITION/ INGREDIENTS

Ingredients: Ascophyllum nodosum Soluble Seaweed Extract Powder 100%w/w  
CAS No. 84775-78-0

## 4. FIRST AID MEASURES

Inhalation: Product is not toxic. Vapours should not be breathed intentionally.  
Ingestion: Product is not toxic. On ingestion, plenty of water or milk should be drunk. Should any discomfort occur, medical attention should be sought.  
Eye: Remove contact lenses. Immediately irrigate with copious amount of water for at least 15 minutes. Product is not irritating to eyes. Should any irritation occur, medical attention should be sought.  
Skin: Wash affected areas with water and soap. Product is not irritating to skin. Should any discomfort occur, medical attention should be sought.  
First Aid Facilities: Normal washroom facility.  
Advice to Doctor: Treat symptomatically.

## 5. FIRE FIGHTING MEASURES

Extinguishing Media: Use appropriate media (water, foam, dry powder or CO2) for surrounding the fire. Product can be slippery in liquid form or when in combination with water.  
Specific Hazards: No specific hazards arising.  
Advice to Firefighters: Product can become slippery when in liquid form or when in combination with water.

## 6. ACCIDENTAL RELEASE MEASURES

Personal Protection: Gloves and eye protection are advisable due to temporary staining.  
Environmental Precautions: Product not classified as hazardous for the environment, avoid spillage as much as possible.  
Clean spills by removing as much solid as possible and washing the remaining spill using copious amounts of water. Loose product should not be left on the floor in damp areas due to the product becoming slippery when in combination with water.

## 7. HANDLING AND STORAGE

Handling: Avoid contact with eyes, skin and clothing.  
Storage: Storage area should be cool, dry and out of direct sunlight. Do not leave product in open containers. Do not contaminate water, food or feed by storage or disposal.

## 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: No specific equipment.  
Eye Protection: Safety glasses.  
Hand Protection: Disposable vinyl gloves.  
Body Protection: N/A  
Engineering Controls: There are no specific ventilation requirements. Eyewash facilities should be available.  
General Hygiene: Remove all protective equipment before eating, drinking or smoking. Hands should be washed immediately after any contact with the product. All protective equipment should be cleaned before re-use.

## 9. PHYSICAL AND CHEMICAL PROPERTIES

Appearance: Black powder  
Odour: Marine like  
pH: 10 – 10.5  
Solubility in Water: Soluble in water.  
Physical State: Powder  
Melting Point: Not determined  
Boiling Point: Not determined  
Explosive limits: Not determined  
Autoignition temperature: 550 degrees C  
Bulk Density: 0.65 gm/cm<sup>3</sup>

## 10. STABILITY AND REACTIVITY

Reactivity: The product does not present hazards by their reactivity.  
Chemical Stability: Stable under normal circumstances. Oxidants and acids can cause degradation of the product.  
Possibility of hazardous reactions: Not reported to undergo hazardous reactions.  
Conditions to avoid: Oxidants and acids can cause degradation of the product.  
Hazardous Decomposition: Not applicable.

## 11. TOXICOLOGICAL INFORMATION

Acute toxicity: Inhalation- no effect; Skin – no effect; Ingestion – non-toxic. Significant ingestion may cause nausea and discomfort.  
Specific target organ effect: Inhalation- no effect; Skin – no effect; Ingestion – no effect; General – no effect.  
Carcinogenicity, mutagenicity, reproductive: No effect

toxicity:  
Corrosivity and irritancy: Inhalation- no effect; Skin – very slight erythema with no other signs of irritation  
: Ingestion – no effect.

## 12. ECOLOGICAL INFORMATION

Toxicity: Non-toxic to marine algae, vertebrates or invertebrates  
Persistence & degradability: Product is fully biodegradable  
Bioaccumulation potential: Due to its biodegradability, the product present minimal bioaccumulation potential, and therefore minimal environmental impact.  
Mobility in soil: No data  
Adverse effects: No additional adverse effects.

## 13. DISPOSAL CONSIDERATIONS

Product is non- hazardous. Dispose of waste according to federal, EPA , state and local regulations. Assure conformity with all applicable regulations.

## 14. TRANSPORT INFORMATION

Un number: None allocated. Product is non-hazardous.

## 15. REGULATORY INFORMATION

This product is not regulated according to government agencies.

## 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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