



# Australian Kelp Products

## Australian Kelp Products Pty Ltd



Australian Kelp Products Pty Ltd. (AKP) is a specialist seaweed products company that is situated in the Limestone Coast area of South Australian, where the Great Southern Ocean casts up many hundreds of thousands of tonnes of all seaweed types to the beaches of this region.

This area delivers wide range of seaweed species are extremely rich in nature vitamins, minerals and trace elements to create a great range of quality seaweed products.

AKP produces a range of seaweed products from: SeaBiscuit StockAid granule for Livestock supplement including cattle, horses, sheep and pigs; SOS Liquid Kelp for soil conditioning (NASAA Certification).

AKP is ready to serve many kinds of your seaweed products requirement. We are “The Expert of Seaweed”

## AKP Southern Ocean Seaweeds Liquid Kelp



Nature seaweeds have been used to improve soil condition for over 1000 years. It is a core component in biological agriculture which is an indispensable biostimulant that can provide a number of beneficial properties.

The Southern Ocean Seaweeds (SOS) Liquid Kelp is produced from Nature Australian *Durvillaea Potatorum* (Bull Kelp) which contains a rich source of nature trace elements, mineral, alginic acid (alginate), amino acid and array of complex organic compounds. The product is manufactured in local South Australia facility and certified as an Organic Product (NASAA). It has been widely engaged in Australian organic production systems for agriculture.

With the correct instructions, the trial result is quite satisfying. It shows that the soil structure has been well improved and aerated, which is good for plants' respiration and nutrition-absorption. More importantly, the abilities of anti-diseases and water retention of plants have been greatly enhanced; as a consequence, the yield has been tremendously increased.

### Benefits:

- ◆ Frost Protection
- ◆ Bio-Protection
- ◆ Root Stimulation
- ◆ Improved Flowering and Fruit Set

### Application Rates:

- ◆ Seed Treatment: 500ml per hectare
- ◆ Soil: 5 - 10 litres per hectare
- ◆ Foliar: 3 - 7 litres per hectare depending on plant size

## AKP Southern Ocean Seaweeds Liquid Kelp COA

### General Specification

Total solid content	≈8-9%	
Nitrogen	≈1000	mg/kg
Phosphorus	≈80	mg/kg
Potassium	≈10000	mg/kg
Calcium	1500	mg/kg
Magnesium	140	mg/kg
Iron	26	mg/kg
Copper	0.17	mg/kg
Zinc	3.7	mg/kg
Boron	10	mg/kg
Molybdenum	0.08	mg/kg
Cobalt	0.17	mg/kg
Selenium	<0.01	mg/kg
Sodium	1000	mg/kg
Chloride	900	mg/kg
Cytokinins	25	mcg/L
Iodine	120	mg/kg
Manganese	0.79	mg/kg
Protein	0.43	g/100g

### Amino Acids

Alanine	0.142	mg/g
Arginine	0.015	mg/g
Aspartic Acid	0.210	mg/g
Glutamic Acid	0.295	mg/g
Glycine	0.084	mg/g
Histidine	0.024	mg/g
Isoleucine	0.063	mg/g
Leucine	0.118	mg/g
Lysine	0.043	mg/g
Methionine	0.039	mg/g
Phenylalanine	0.077	mg/g
Proline	0.065	mg/g
Serine	0.056	mg/g
Threonine	0.031	mg/g
Total Amino Acids	1.412	mg/g
Tyrosine	0.055	mg/g
Valine	0.097	mg/g

## Character of Product

Color	Dark Brown
Status	Liquid
Size	Through 150 micron screen

## Pack

1000L IBC; 200L Drum



## DISCLAIMER

- Shake well before use
- As product is made from natural fresh seaweed, components contain percentage can be slightly different seasonally.
- Store undercover, cool dark place with container proper sealed
- Best use within 8 months
- Best use up in 2 weeks after shuttle been opened

## AKP SeaBiscuit StockAid



Seaweed has been widely used by coastal farming communities around the world for many years. Farmers have noted that supplementing the animal diets with seaweed produces healthier, better conditioned livestock as seaweed is the perfect natural source of vitamins and minerals.

Sea Biscuits StockAid is an innovative nutritional supplement specifically formulated for animals. Fortified with 100% Certified Organic seaweed to naturally deliver essential vitamins and minerals to maximize feed efficiency.

Calcium and Iodine are two examples of how Sea Biscuits StockAid can help. Calcium help strong bone and egg shell, seaweed calcium could be absorbed very easy. Iodine is terribly deficient in Australians soils. Research shows the iodine deficiency could cause many nutrient problems for livestock, but Australian kelp could solve this problem well without any iodine toxicity problems.

### Benefits

- Improved Growth Rates
- Increased Milk Production
- Reduced Worm Burden
- Improved Fertility
- Faster Birthing
- Better Utilisation of Feed

### Dosage Amount & Frequency:

<b>Dairy cattle:</b>	80-100g per day
<b>Beef cattle:</b>	Up to 90g per day.
<b>Calve:</b>	40g per day
<b>Pig:</b>	40-60g per day
<b>Piglet:</b>	5-10% of feed per day
<b>Sheep:</b>	30-50g per day
<b>Horse:</b>	70-90g per day
<b>Chicken:</b>	15%-25% feed per day

## AKP SeaBiscuit StockAid COA

### General Specification

Nitrogen	6700	mg/kg
Phosphorus	900	mg/kg
Potassium	15000	mg/kg
Calcium	20000	mg/kg
Magnesium	3600	mg/kg
Iron	400	mg/kg
Copper	0.25	mg/kg
Zinc	12	mg/kg
Boron	120	mg/kg
Molybdenum	0.5-1.0	mg/kg
Cobalt	0.5-4	mg/kg
Selenium	<0.1	mg/kg
Chloride	44000	mg/kg
Iodine	1100	mg/kg
Manganese	9.4	mg/kg
Sodium	10000	mg/kg
Sulphur	9900	mg/kg
Protein	6.4	g/100g

### Vitamins

Ascorbic Acid	3.4	mg/100g
Thiamine (Vit B1)	<0.05	mg/100g
Riboflavin (Vit B1)	0.2	mg/100g
Niacin (Vit B1)	1.6	mg/100g
Retinol (Vit A)	<5	ug/100g
Alpha-Carotene	65	ug/100g
Beta-Carotene	850	ug/100g
Alpha-Tocopherol (Vit E)	9.8	mg/100g
Pantothenic Acid (Vit B5)	1	mg/100g
Choline	<10	mg/100g

### Amino Acids

Alanine	2.06	mg/g
Arginine	1.08	mg/g
Aspartic Acid	3.14	mg/g
Glutamic Acid	4.33	mg/g
Glycine	1.34	mg/g



Histidine	0.40	mg/g
Isoleucine	1.00	mg/g
Leucine	1.77	mg/g
Lysine	1.46	mg/g
Methionine	0.57	mg/g
Phenylalanine	1.18	mg/g
Proline	0.99	mg/g
Serine	1.56	mg/g
Threonine	1.49	mg/g
Total Amino Acids	24.30	mg/g
Tyrosine	0.47	mg/g
Valine	1.47	mg/g

## Character of Product

Color	Brown
Size	Diameter≈1-3mm
Status	Granules
Density	≈1



## Pack

25kg Bags or one tone bulk



# NASAA CERTIFIED ORGANIC CERTIFICATE OF REGISTRATION

**RELEVANT STANDARD:**

NASAA Organic Standard

**RELEVANT ACCREDITOR:**

N/A

**CERTIFIED LICENSEE:**

Australian Kelp Products Pty Ltd



*Trading as: Australian Kelp Products Pty Ltd*

ABN: 52 008 863 456

30989 Princes Highway

Millicent

SA 5280 AUSTRALIA

**NCO Certification Number: 5440M**

**Certified process &/or product****Category of Certification*****Processing***

Processing sea kelp for use as soil amendments, fertilisers and animal feeds

Input for Organic Production

***Crop Fertilisers and Soil Amendments***

Liquid Kelp Boost

Input for Organic Production

SeaBiscuit

Input for Organic Production

Southern Ocean Seaweed Liquid Kelp

Input for Organic Production

***Livestock Production Materials***

Seabiscuit StockAid

Input for Organic Production



Chief Certification Officer: Melanie Bullers

Issue Date: 30 December 2019 Valid until: 31 December 2021

This certificate is limited to the above licensee and is valid until the stated expiry date unless certification is suspended or revoked or deferred by NCO. It is not intended as a commercial or transaction document and remains the property of NCO and shall be returned to NCO when certification ceases.

**NASAA Certified Organic P/L (NCO)**

ACN 101 829 163 Unit 7B, 3 Mount Barker Road, Stirling in the State of South Australia 5152

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Millicent, Australia, March 2019

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### **NON-GMO Declaration**

To whom it may concern:

I declare that at present all AKP products including  
"S O S Liquid Kelp"  
"SeaBiscuit StockAid Granule"  
Are not have any genetically modified ingredients.

Yours sincerely,



Leo Lin  
Chief Operating Officer  
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