

Maxima Raw Kelp

100 % Fresh Ecklonia Maxima Fronds

Cold chain harvest and processing protects bio-actives. Particle burst technology maximises nutrient availability. Micronised cells through particle burst technology.



Sustainable Hand Harvest – West Coast of South Africa

01

Bio-Active Protection Through Cold Chain Harvesting

Our kelp is harvested and processed using cold chain technology, preserving vital bio-active compounds and maximizing their effectiveness for enhanced agricultural performance.

02

Advanced Particle Burst Technology

We utilize particle burst technology to micronize cells, increasing nutrient bioavailability and ensuring faster absorption for improved performance.

Industrial Raw Material

Ecklonia Maxima Industrial is a wet product made from Ecklonia Maxima kelp, sourced from the pristine waters of South Africa's West Coast. These nutrient-rich, cold waters, fed by the Benguela current, are far from urban shorelines, avoiding contamination from hormones, pesticides, synthetic fertilizers, and bacteria.

Maxima Raw Kelp is globally sought after for its exceptionally high levels of alginic acid, natural plant hormones, eckol, and di-eckol. Sourced from beach-cast kelp naturally harvested by ocean tides and storms, it is dried, cleaned, and chipped to precise sizes. Particle size is further reduced into meal for quick-release applications, ensuring nutritional integrity.

Raw input material is available in various formats, tailored for blenders and formulators in the pharmaceutical, agricultural, food, and cosmeceutical industries.

Sales and distribution locality: Global through selected, appointed distributors. Manufacturing address: Oceanic Junction (Pty) Limited | Unit 6, Lekkerwater Street, Noordhoek, Cape Town, South Africa. Product owner: Encryptic (Pty) Limited (South Africa) | Registration number: 2022/823421/07. Contact no.: Roger Tyler (+27) 83 235 6219 | roger@encryptic.co.za | Or your dedicated distributor.



Maxima Raw Mince



Maxima Raw Paste



Maxima Raw Puree



Maxima Raw Fresh/Frozen

Contents	100 % Fresh, cold chained and mechanically cold processed whole fresh Ecklonia Maxima. Water. Food grade stabilisers and preservatives. Addition of stabilisers and preservatives \leq 1 % of volume in paste product.
Apperance	Preserved kelp mince. Preserved micro-cut kelp. Preserved paste Preserved puree shades of green, yellow and brown. Colour is dependent on the format chosen. Fresh seaweed smell.
Packaging	200 litre drums 1 000 l flow bins.
Mince & micro cut minerals	Nitrogen 2 000 mg/kg; Carbon 40 %; Calcium 1 444 mg/kg; Magnesium 1 298 mg/kg;; Potassium 11 228 mg/kg; Sodium 4 507 mg/kg; Sulphur 1 359 mg/kg; Phosphate 517mg/kg; Iron 21 mg/kg; Manganese 1 mg/kg; Zinc 9 mg/kg; Boron 13 mg/kg; Copper 2 mg/kg.
Minirals Paste	Nitrogen 800 mg/kg; Carbon 40 %; Calcium 1 133 mg/kg; Magnesium 836 mg/kg; Potassium 6 426 mg/kg; Sodium 2 951 mg/kg; Sulphur 1 064 mg/kg; Phosphate 316 mg/kg; Iron 30mg/kg; Manganese 1 mg/kg; Zinc 7 mg/kg; Boron 7 mg/kg; Copper 2 mg/kg.
Minirals Puree	Nitrogen 1 090 mg/kg; Carbon 34 %; Calcium 762 mg/kg; Magnesium 570 mg/kg; Potassium 10 586 mg/kg; Sodium 3 173 mg/kg; Sulphur 526 mg/kg; Phosphate 208 mg/kg; Iron 28 mg/kg; Manganese 1 mg/kg; Zinc 1 mg/kg; Boron 5 mg/kg; Copper 0.6 mg/kg.
Amino Acids	Unquantified amino acids contained in Ecklonia Maxima: Serine; Arginine; Glycine; Aspartic Acid; Glutamic Acid; Threonine; Alanine; Proline; Cystine; Lysine; Tyrosine; Methionine; Valine; Isoleucine; Leucine;
Other Minirals	Unquantified vitamins: Vitamin B1; B2; B3; B5; B9 ; B12; C, Vitamin E and Vitamin K.
Dilution	The paste and puree can be diluted with water. Specialised blending equipment and formulation will be required. Additional formulations and dilutions will require chemical adjustments.
Uses	Maxima Raw Kelp is available in a diluted and stabilized format exclusively to licensed industrial holders of Botanova. Opportunities for co-blending and joint product development are also available to license holders.

Dry Kelp Range

Available in powder, fines, chips, and customized sizes, our Ecklonia Maxima kelp adapts to various industries – from agricultural fertilizers to animal feed and quick-release applications.



Maxima Fines



Maxima Chips



Maxima Powder