



CP Sweet Blue Lupin Peptides

INCI Name	Percentage	CAS	EINECS
Hydrolysed Lupine Seed Extract	10.00%	100209-45-8	309-353-8
Glucanolactone	0.90%	9080-2	202-016-5
Sodium Benzoate	0.30%	532-32-1	208-534-8

Application Benefits

- Reduces colour fade for up to 30 washes
- Effective even with suitable red dyes
- Provides good conditioning and protects hair without build-up
- Reinforces disulphide bonds in damaged hair
- Increases the tensile strength and elasticity of the hair shaft
- Penetrates effectively to the hair cortex enhancing water retention
- High activity on unbleached hair
- Thin film former

A breakthrough in the use of natural ingredients to hold hair colour for over 30 washes.

Showing results equivalent to the best of synthetic alternatives. CP Sweet Blue Lupin Peptides is one of the only Ecocert natural ingredients to have been scientifically proven to keep hair colour-fast for up to 30 washes, even with the notoriously fast-fading red dyes.

It is a superb conditioner, thanks to its differently-sized peptide molecules, some of which bind to the hair shaft, protecting it from damage, and others which penetrate to the core, improving strength and elasticity.

It is ultra-effective in a single application, with no build-up and is extremely easy to formulate due to a patented extraction process.

CP Sweet Blue Lupin Peptides is a light straw-coloured, clear aqueous solution with outstanding emulsifying properties, water binding capacity and excellent foaming properties.



Ingredient Properties

- An ultra purified peptide
- Extracted from a specific non-alkaloid variety
- Yellow to amber in colour
- Low odour
- Outstanding emulsifying properties
- Excellent foaming capability
- Soluble over a wide pH range
- Maximum molecule size of 1200 Da
- Ecocert Natural certified

Technical Specification	
Colour	Light straw colour
Hydrolysed Lupine Seed Extract	10%
Fat	<1.0%
Turbidity (NTU)	<20
pH at 25	4.50 to 5.50
Preservative	1.2% Geogard Ultra
Microbiological Properties	
Total Aerobic Microbial Count	<100 cfu/ml
Total combined yeast and mould count	<100 cfu/ml
Escherichia Coli	Not detected
Pseudomonas aeruginosa	Not detected
Salmonella spp	Not detected
Staphylococcus aureus	Not detected

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Product Application Guide

Facial Skin Care	Moisturisers	✓	Sun Care	Lotions & Creams	
	Sensitive Skin Care	✓		Oils	
	Exfoliators, Cleansers & Masks	✓		Mousses/ Water Based Sprays	✓
	Treatments, Lip & Eye Care	✓		After Sun	✓
	Men's Care	✓			
Body Care	Body Lotion/Cream	✓	Decorative Cosmetics	Foundations	
	Water Based Gels	✓		Pressed Powders	
	Hand & Foot Care	✓		Mascara	✓
	Massage & Body Oils			Lipstick & Glosses	
	Talcs & Dusting Powders			Liquids/Gels	✓
Hair Care	Shampoos	✓	Personal Care & Hygiene	Anti-perspirants& Deodorants	
	Conditioners	✓		Bath & Shower Liquids	✓
	Treatments	✓		Shaving & Depilatory	
	Scalp Care	✓		Oral Care	
	Styling	✓		Baby	

Certification Status

ECOCERT 'natural' registration 2742.

CP Sweet Blue Lupin Peptides is a natural product free from genetically modified organisms. Allergen free and not tested on animals.

Storage & Handling

No special measures necessary if used correctly. Wear safety glasses, use safety goggles where a mist may be generated.

Store at room temperature. Any unused portion should be kept sealed in the original container to avoid any contamination. Mix well before use.

Shelf Life

Shelf life is one year from the date of manufacture, stored in the original unopened containers.

Pack Size

20, 5 and 1 kg pails.

Formulation Suggestion

Shampoo & Conditioner

Method of Manufacture:

Blend together phase A. Blend phase B, avoiding introducing air if possible. Add A to B with gentle stirring. \when homogeneous add phase C and stir until clear.

N.B. pH may need to be adjusted to 5.5 – 6.0, if it is outside this area. The sodium chloride level can be adjusted to produce the required viscosity.

Phase	Common / Trade Name	INCI Name	% w/w
A	Water	Aqua/Water	To 100.00
	Plantasil Micro	Dicarpryl Ether, Decyl	2.00
B	Texapon N70	Sodium Laureth Sulfate	14.00
	Plantacare 1200 UP	Lauryl Glucoside	5.00
	Dehyton PK45	Cocamidopropyl Betaine	6.00
C	Sodium Chloride	Sodium Chloride	2.00
	Geogard Ultra (or alternative)	Glucan lactone (and) Sodium benzoate	1.20
	CP Sweet Blue Lupin Peptides	Hydrolysed Lupine Seed Extract, Glucan lactone, Sodium	qs

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