

CP SWEET BLUE LUPIN PEPTIDES



ECOCERT NATURAL REGISTRATION

- Manufacturer: Ceapro Inc, Canada
- Product # 801-3004
- INCI Name: Hydrolyzed Lupin Protein, Sodium benzoate, Glucono delta lactone, Calcium gluconate

PRODUCT COMPOSITION

Ingredient	CAS	EINECS
Hydrolyzed Lupin Protein	73049-73-7	
Sodium benzoate	532-32-1	208-534-8
Glucono delta lactone	90-80-2	202-016-5
Calcium gluconate	299-28-5	206-075-8



PHYSICAL PROPERTIES

- Light coloured, low odour, clear aqueous solution
- Highly purified peptide content
- Minimum 5% (w/w) hydrolyzed lupin protein
- Not chemically modified
- Outstanding emulsifying properties and water binding capacity
- Excellent foaming properties
- Sterile filtered product

CP Sweet Blue Lupin Peptides are from a European variety adapted specifically for the Western Canadian climate and developed by industry leader Ceapro, to ensure optimum isolation and high purification of protein together with sustainability, enhanced traceability and safety.

Lupin Peptides have been associated with beneficial effects in skin protection and appearance. Recently, a number of well-known brands have incorporated lupin peptides to repair and condition hair.

CP Sweet Blue Lupin Peptides offer a cost-effective natural ingredient for maintaining skin health and enhanced smoothing of wrinkles, particularly in sun creams and day care products. For hair care products, CP Sweet Blue Lupin Peptides assist in maintaining colour fastness for dyed hair as well as improving mechanical properties of ethnic hair. For more information on a variety of products visit www.ceapro.com.

CP SWEET BLUE LUPIN PEPTIDES

ACTIVITY & BENEFITS

- Forms a thin film on the skin and hair to impart protection, moisturisation and shine without product build-up.
- Water soluble protein providing easy and unique opportunities for new formulations.
- Increases colour fastness for up to 30 washes
- Suitable for red dyes and other colour treatment agents
- 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



PRODUCT SUITABILITY

- Hair care: shampoos, conditioners, styling gels, treatments
- Skin care: day creams
- Sun care: sun protectants
- Decorative cosmetics
- Personal care & hygiene

KEY PRODUCT APPLICABILITY

- Maintaining skin health
- Enhancing wrinkle reduction
- Protects and adds shine to hair



TECHNICAL SPECIFICATION

- Colour: Yellow to Amber
- Hydrolysed lupin protein: 5.0 - 5.5%
- Fat: <1.0%
- Turbidity (NTU): <20
- pH at 25°C: 4.50 to 5.50
- Preservative: 1.2% (w/w) Geogard Ultra

MICROBIOLOGICAL PROPERTIES

Yeast / Mould

Total Aerobic Microbial Count <100 cfu/ml

Total combined yeast and mould count <100 cfu/ml

SOLUBILITY

Water soluble and soluble over a wide pH range

RECOMMENDED USAGE

Recommended usage: 0.25 to 8.00%

Formulating pH range: 3 to 8

Formulating temperature range: 25°C to 50°C



MAXIMUM USAGE

- No known restrictions

SUGGESTED FORMULATION

- Shampoo and Body Wash with CP Sweet Blue Lupin Peptides

CERTIFICATION STATUS

- Natural product free from Genetically Modified Organisms
- Allergen free
- Not tested on animals
- ECOCERT Natural Registration

PACK SIZES AVAILABLE

5 and 20kg

HANDLING PROCEDURES

- No special measures necessary if used correctly
- Wear safety glasses and goggles where a mist maybe generated
- Store at room temperature
- Any unused portion should be kept sealed in the original container to avoid contamination
- Mix well before use

SHELF LIFE

Keep for one year in sealed containers

SHAMPOO AND BODY WASH WITH CP SWEET BLUE LUPIN PEPTIDES

SUGGESTED FORMULATION USING CP SWEET BLUE LUPIN PEPTIDES

Phase	Tradename	INCI Name	% w/w
A	Water	Aqua	66.40
	Glycerine	Glycerine	5.00
	Proteol OAT	Sodium Lauryl, Oat Amino Acids	20.00
	Surfac B4	Fatty Acid Alkyl Betaine	2.00
	CP Sweet Blue Lupin Peptides	Hydrolysed Lupin Protein, Glucanolactone, Sodium benzoate	5.00
	Euxyl PE91010	Phenoxyethanol, Ethylhexylglycerin	0.70
B	Keltrol CG-T	Xanthan Gum	0.90



The information contained herein is provided in good faith and, to the best of our knowledge, is true and correct. However, no warranty or guarantee is implied or inferred and the information may be subject to change without further notice. Ceapro Inc. products are sold with the understanding that the purchaser will conduct their own tests to determine the suitability of these products for their own intended application.

METHOD OF MANUFACTURE

1. Mix all phase A ingredients and warm to 40 deg C with constant stirring
2. Add phase B and continue to stir until homogeneous gel has formed
3. Remove from heat and cool to ambient with constant stirring.

CEAPRO Inc.
Suite 4174, 10230 Jasper Avenue
Edmonton, Alberta, Canada T5J 4P6
+1 (780) 421-4555
E-Mail: info@ceapro.com
www.ceapro.com

For more information on a variety of products visit
www.ceapro.com

