

Natunola[®] Flax Protein



In today's market consumers demand *The Best*, which entails effective products that are based in nature. **Natunola[®] Flax Protein** will allow you to provide nature's beauty to your customers. The many benefits of flaxseed are contained in **Natunola[®] Flax Protein**. This protein provides moisture binding properties that can compliment your formulas and address the demands of today's marketplace. **Natunola[®] Flax Protein** coats the skin epidermis or hair shaft, forming a barrier that protects against external pollutants and allergens while retaining natural oils and moisture. **Natunola[®] Flax Protein** with its moisturizing and conditioning properties is an excellent ingredient in cosmetic and hair care formulations.

Description:

Natunola[®] Flax Protein is produced from flaxseed using our proprietary processing technology. **Natunola[®] Flax Protein** is a new and superior vegetable based protein that provides the same attributes to cosmetic, skin, and hair care formulations as associated with other hydrolyzed proteins. **Natunola[®] Flax Protein** contains mainly the water soluble protein, is lighter in colour and has little to no odour, as compared to other hydrolyzed plant proteins such as hydrolyzed oat, soya and wheat proteins. The dermal hydration and moisturizing properties associated with this product results in its ubiquitous application in cosmetic formulations targeted for clearer complexions. **Natunola[®] Flax Protein** conditions while leaving a remarkable smooth, silky feel. Thus, it is a superior ingredient in cosmetic, skin care, hair care and personal care formulations.

Functionality:

Natunola[®] Flax Protein can be used as a skin conditioner, emollient, film former and viscosity controlling agent for aqueous systems.

Applications:

Natunola[®] Flax Protein promotes easy and unique opportunities for new formulations such as shampoo, conditioners, lotions, creams and gels, and includes liquid soap, conditioning shampoo, cleansers, baby creams, emollient creams, cold creams, conditioning creams and protective creams.

INCI Name: Water (and) Linum Usitatissimum (Linseed) Seed Extract

Specifications:

Appearance:	Light yellow liquid
Odour:	Very little to none
Bacteriological Data:	Total bacteria count (aerobic): <500 cfu/g (At the time of packaging) Yeast and mold: <500 cfu/g Gram negative bacilli: Negative Staphylococcus Aureus: Negative
Preservatives:	DMDM Hydantoin (and) 3-Iodo-2-propynylbutyl Carbamate, 0.3%
Compatibility:	Miscible in aqueous solutions
pH:	4.5 - 6.5
Non-Volatile Matter:	0.8% to 2.0%
Protein:	0.2% to 0.5%
Protein-Amino Nitrogen:	25% to 40%
Stability:	Stable at room temperature. Store in original container under 20°C. Do not freeze.
Recommended Usage Level:	Hair and body care: 1% to 15% (wt/wt) Skin care creams and lotions: 1% to 10% (wt/wt) Others: 1% to 99% (wt/wt)
Formulating pH:	The recommended pH range is 5.4 to 6.5.
Formulating Temperature:	The recommended working temperature range is 25°C to 75°C. The best working temperature is 50°C.

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