



Classic Distributing Company

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TECHNICAL BULLETIN

Hydrolyzed Flax Protein

A hydrolyzed protein derived from Linseed (*Linum usitatissimum*), imparts benefits to both skin and hair care products. It is particularly suited to products focused on natural ingredients. An excellent film former, it prevents the evaporation of water and enhances the skin's natural barrier function, promoting health and radiance. It is also proven to soothe and calm dry, irritated skin.

On the hair, the film forming properties smooth the hair shaft and help to restore damaged hair. Flax Protein also controls fly-aways and imparts a healthy looking sheen for shiny, healthy looking locks. The moisturizing and soothing properties make it an ideal ingredient for products to nourish and treat dry, mature, damaged, tired and dull skin and hair.

INCI Name: Hydrolyzed Flax Protein

CAS #: 100209-45-8 & 7732-18-5 (water)

EINECS: 309-353-8, 231-791-2 (water)

TYPICAL PROPERTIES

Appearance	Clear, light amber liquid
Odor	Characteristic, sweet
Nonvolatile Mater	10.0 % minimum (1g / 1 hr / 105C)
pH, direct	4.0 - 6.0
Ash (800C)	2.0 % maximum
Microbial content when packaged	100 O.P.G, No pathogens

Classic
Fine Ingredients

This information is believed to be reliable, but it is not to be construed as a warranty and no patent liability is assumed.