

# Natunola® Flax Extract 160



In today's market consumers demand *The Best*, which entails effective products that are based in nature. **Natunola® Flax Extracts** will allow you to provide nature's beauty to your customers. Flaxseed extracts are often used in an array of cosmetic products, due to the popular benefits of Flax. These skin moisturizers can compliment your formulas and address the demands of today's marketplace. The extracts are prepared using our proprietary technology and contain active compounds and natural polysaccharides with gelatinous properties. **Natunola® Flax Extracts** tend to coat the skin epidermis or hair shaft, forming a barrier that protects against external pollutants and allergens while retaining natural oils and moisture. **Natunola® Flax Extract 160** is a lighter moisturizing agent that gently conditions and protects the skin epidermis and hair cuticle.

## **Description:**

**Natunola® Flax Extract 160** is produced from flaxseed using our proprietary technology. This light liquid based biopolymer has a clear transparent appearance and is the most fluid of all our Flax Extracts. Hair detangling and conditioning properties associated with **Natunola® Flax Extract 160** results in its use in hair care formulations. The remarkable smooth, silky feel of the product also makes it a superior ingredient in cosmetic, skin care and personal care formulations.

## **Functionality:**

**Natunola® Flax Extract 160** is an ideal ingredient in cosmetic formulations as it can be used as a skin conditioner, emollient, film former, viscosity controlling agent and a viscosity building agent for aqueous systems.

## **Applications:**

**Natunola® Flax Extract 160** can be used in a number of applications; in particular skin care, hair care and personal care which include liquid soap, conditioning shampoo, cleanser, baby creams, emollient creams, cold creams, conditioning creams and protective creams. **Natunola® Flax Extract 160** has been highly effective in cosmetic formulations for shampoos, conditioners and spray on lotions.

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

## **Specifications:**

<b>Appearance:</b>	Clear, transparent, light yellow liquid
<b>Odour:</b>	Light, pleasant
<b>Bacteriological Data:</b>	Total bacteria count (aerobic): <1000 cfu/g (At the time of packaging)
<b>Preservatives:</b>	DMDM Hydantoin (and) 3-Iodo-2-propynylbutyl Carbamate, 0.3%
<b>Compatibility:</b>	Miscible in aqueous solutions
<b>pH:</b>	4.5 - 6.5
<b>Non-Volatile Matter:</b>	0.5% to 1.0%
<b>Stability:</b>	Stable at room temperature. Store in original container under 20°C. Do not freeze.
<b>Recommended Usage Level:</b>	Body Wash and Shampoo: 20% to 45% (wt/wt) Others: 1% to 99% (wt/wt)
<b>Formulating pH:</b>	The recommended pH range is 3 to 8.
<b>Formulating Temperature:</b>	The recommended working temperature range is 25°C to 75°C. The best working temperature is 50°C.

Specifications are based on information available at the time of printing. This information is provided in good faith and is subject to the following conditions: 1. Natunola makes no warranty of any kind concerning any product, formulation or procedure or other matter contained in the information including, without limitation, any warranty that the sale or use of any product, formulation or procedure will not infringe any patent or other third party right; 2. The user of the information will not provide it to third parties and will indemnify and hold Natunola harmless from any liability arising out of the recipient's use of the information. (February, 2011)



Tel: (613) 774-9998 • Fax: (613) 774-2226 • email: [sales@natunola.com](mailto:sales@natunola.com)  
[www.natunola.com](http://www.natunola.com)