

Linseed Extract NP

Description

Linseed Extract NP is an aqueous extract of 5 % yellow linseeds. Linseeds contain up to 6 % polysaccharides as mucilage. The main components are arabinoxylan, galactose, glucose rhamnoglucuronane and fucose. Flax belongs to the oldest cultivated plants of the world. Already around 5000 b.c. flax was grown. The flax fibers were used to produce linen, at that time the most important textile fiber. In ancient Greece linseeds and linseed oil was already used as drugs.

Mucilage is able to spread out and to cover surfaces with a coating that soothes the exposed area. Mucilaginous plants work as remedies for wounds, to soothe itching, irritation and pain and also for drying and binding of tissue that is damaged. This efficacy is referred to as being emollient or demulcent. Linseed Extract NP offers a broad range of applications in skin care products especially those which are aimed to care and repair stressed and damaged skin.

Efficacy

- acts as a moisturizer: **5 % Linseed Extract NP showed an immediate skin hydration up to 23.6 % and long term hydration of up to 10.6 %**
- reduces inflammations
- offers a protective film
- enhances wound healing

Please have a look at our [Leaflet_6022_Efficacy_e](#) for more details.

Appearance

slight viscous, light yellow to slight brownish, solution

INCI

Linum Usitatissimum Seed Extract

Registration

CAS-No.:

Linum Usitatissimum Seed Extract.....8001-26-1

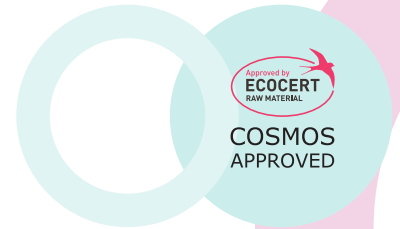
EC-No.:

Linum Usitatissimum Seed Extract.....232-278-6

Raw material approved by **ECOCERT GREENLIFE**, conform to the **COSMOS** Standard.



Nature needs no cosmetics,
but cosmetics need nature



Linseed Extract NP

Preservatives / Stabilizers

preservatives.....none
stabilizer natural Phenylethylalcohol.....1.0 %

Characteristics

polysaccharide content.....0.30 - 0.65 %
extract basis linseeds.....5.0 %

Application

high quality cosmetic products
daily cosmetic products
face masks
creams and lotions
ampoules
body care
after sun care
sensitive care

Application concentration

skin care formulation.....2 - 5.0 %

Incorporation

Linseed Extract NP is compatible with alcohol up to 10 % and stable at a pH range of 5 - 8. It should be blended into the water phase below 60°C.

Toxicology

non hazardous in normal use concentration

Storage & Shelf life

Linseed Extract NP should be stored in a dry and light protected place at 10 - 25°C.

In closed original containers the shelf life is five years.