

# Meadowfoam Seed Oil

Protective  
emolliency

## MEADOWFOAM SEED OIL REFINED

INCI: Limnanthes Alba  
(Meadowfoam) Seed Oil

CAS #: 153065-40-8

EC #: 310-127-6

Nourishing and  
moisturizing

High antioxidant  
capability

Suitable for Sensitive  
Skin

Excellent Emollient  
Properties

With its excellent moisturizing and softening properties, it both helps against environmental stress with its strong antioxidants and suits all skin types.

MEADOWFOAM SEED OIL is a natural refined vegetable oil obtained from the seeds of meadowfoam (*Limnanthes alba*).

Meadowfoam is native to northern California, southern Oregon, Vancouver Island and British Columbia. Their seeds contain about 20-30% of oil.

MEADOWFOAM SEED OIL is extraordinarily stable, primarily because it contains over 98% long chain fatty acids. It contains about 60% of eicosenoic acid (omega-9 fatty acid), which may extend shelf life of less stable ingredients.

MEADOWFOAM SEED OIL is an excellent moisturizer in emulsion-based products due to high water absorption ability, extreme high oxidative stability (one of the most stable oils), gives non-greasy feel and good pigment wetting properties in color cosmetics.

## Recommended applications



Skin care



Hair care



Body care



 Vantage®

# Meadowfoam Seed Oil

## Protective emolliency

Appearance @ 25°C	Clear light yellow oily liquid, with minimum odour
Melting Point	≤ 4 mg KOH/g
Iodine Value cg I/g	≤ 10 meq O2/kg

## Additional product information

MEADOWFOAM SEED OIL is an ideal ingredient that is easily incorporated in all kinds of cosmetic formulations, from rinse-off to leave-on products.

MEADOWFOAM SEED OIL may be applied directly to the skin and hair. It may also be easily incorporated as an active ingredient or an ideal carrier in skin and hair care products. The recommended dosage is between 3 to 10 %.

MEADOWFOAM SEED OIL can also be used directly as massage oil.

MEADOWFOAM SEED OIL is highly recommended to incorporate in natural body care recipes because of its outstanding qualities. It is widely used in cosmetic and hair care products because it is moisturizing and extremely stable.

MEADOWFOAM SEED OIL will add shine and moisture to hair in hair care products, and it may help to restore dry or damaged hair. When added to lotions and lip balms, it will re-moisturize dry or cracked lips and skin, and will make balms last longer.

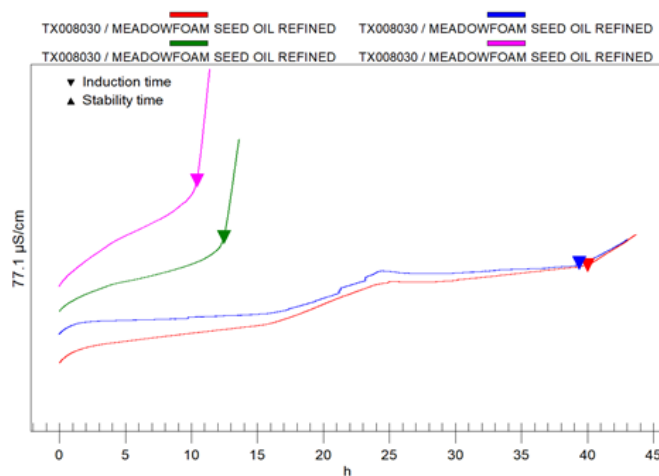
MEADOWFOAM SEED OIL OSI: 40 hours (100 °C)

ISO 6886 (1996)

Animal and vegetable fats and oils  
Determination of oxidation stability

### Conditions

Sample amount 2.5 ± 0.01 g  
Temperature 100°C ± 0.2°C  
Gas flow 20 L/h  
Vessel: 50 mL distilled water  
Evaluation Conductivity  
Induction time (tangent method)  
Red: determination at 100 °C  
Blue: determination at 110 °C  
Green: determination at 120 °C  
Pink: determination at 130 °C



## Technical Data – Fatty Acid Composition

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Fatty Acid		Composition
C 20:1 (w5)	Icosenoic	58 - 64 %
C 22:1 (w5)	Docosenoic	3.0 - 6.0 %
C 22:1 (w13)	Docosenoic	10.0 - 14.0 %
C 22:1 (w5w13)	Docosadienoic	14.0 - 21 %