

# meadowfoam seed oil



## Nature's Crops Refined Meadowfoam Seed Oil Product Data Sheet

*Nature's Crops Refined Meadowfoam Seed oil* is obtained from the seeds of the *Limnanthes alba* plant. Meadowfoam seed oil is distinctive because over 85% of its triglyceride fatty acids are long chain monoenoic and dienoic fatty acids. Additionally, over 95% of the triglyceride fatty acids are C20 and longer in chain length. This unique composition imparts extremely high oxidative stability. Our refining process is ISO 22000 certified and Nature's Crops Meadowfoam seed oil, which is non-GM, can be processed to demanding standards to comply with Nature's Crops International's proprietary *Crop Assured 365*<sup>®</sup> system of quality control and traceability protocols.

### Typical Data

Appearance @ 25 °C	Clear Yellow Liquid
Odor	Slight to none. Characteristic.
Color (Gardner)	3 Max
OSI (130 °C) (hrs.)	8 - 15
Acid Value (mg KOH/g)	0.5 Max
Saponification Value (mg KOH/g)	160 - 175
Specific Gravity (g/g)	0.900 - 0.920
Peroxide Value (meq/kg)	0.8 Max
Iodine Value (cg/s)	85 - 95
Unsaponifiable Matter (%)	1.5 Max
Refractive Index @ 20 °C	1.465 - 1.475
Microbiology	Pass
Erucic Acid (%)	10 - 15
Cis-5-eicosenoic (C20:1 d5)	58 - 65
Cis-5, c-13-docosadienoic (C22 d5, d13)	14 - 21

### Applications

Personal care products

### Allergens

None

### Shelf-life/ Retest Date

For Meadowfoam Seed Oil store unopened in a cool dry place, retest 3 years from production date.

### Packaging

Available in 190 kg drums and 20 kg pails

Once opened shelf-life is 1 year. Recap with Nitrogen to maintain highest quality.

### Shipping & Handling

Ship & Store in a cool, dry area

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This data presented is offered solely for evaluation. Actual analytical values will vary based on customer requirements.  
For information on availability and pricing contact NCI.

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