

# abyssinian seed oil



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

**Nature's Crops Refined Abyssinian Seed oil** is obtained from the seeds of the *Crambe abyssica* plant. Abyssinian seed oil is naturally high in erucic acid, containing up to 58%. Abyssinian oil triglycerides also have a unique fatty acid composition, making the oil a very valuable raw ingredient for use in personal care products and cosmetics. Our refining process is ISO 22000 certified and Nature's Crops Abyssinian seed oil, which is non-GM, can be produced to Kosher or Halal standards. All crops are closely monitored and then 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
Color (Gardner)	3 Max
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/g)	85 - 95
Unsaponifiable Matter (%)	1.5 Max
Refractive Index @ 20 °C	1.465 - 1.475
Microbiology	Pass
Erucic Acid (C22:1n-9)	50-65
Oleic Acid (C18:1n-9)	10-25
Linoleic Acid (C18-2n-6)	7-15

### Applications

Personal care products

### Allergens

None

### Shelf-life/ Retest Date

For Abyssinian 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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