

## FANCOR<sup>®</sup> ABYSSINIAN OIL

Non-animal Origin Skincare And Haircare Additive For Cosmetics And Toiletries

### GENERAL INFORMATION

**FANCOR ABYSSINIAN OIL** is a clear, yellow oil with a mild, pleasant odor. It is a natural oil and is non-GMO derived.

**FANCOR ABYSSINIAN OIL** has a unique molecular structure not found in any other naturally occurring substance. It contains a high percentage of unsaturated C22 fatty acids. Furthermore, it is liquid at room temperature, even though it is of high molecular weight.

**FANCOR ABYSSINIAN OIL** is stable against heat breakdown and is highly resistant to oxidation.

**FANCOR ABYSSINIAN OIL** has a high surface tension and gives good spreadability.

It can be used as a natural replacement to synthetic oils like silicones in hair care products.

### INCI NAME

Crambe Abyssinica Seed Oil

### CHEMICAL & PHYSICAL PROPERTIES

Appearance @ 20°C	Clear Yellow Liquid
Odor	Mild, Characteristic
Color (Gardner)	3 max.
Acid Value (mg KOH/g)	0.5 max.
Specific Gravity @ 20°C	0.906-0.911
Saponification Value	160-175
Iodine Value (Hanus)	85-105
Refractive Index @ 20°C	1.465-1.475
Peroxide Value (meq/kg) at Packaging	1 max.
Heavy Metals (ppm)	20 max.
Fatty Acid, C22:1 (%)	50.0 – 65.0

These are typical properties not to be used for specification purposes

### APPLICATIONS

- Skin Care
- Cleansing Products
- Hair Care
- Decorative Cosmetics
- Massage Creams

### KEY PROPERTIES

Unique natural oil

Very high level of long-chain unsaturated fatty acids

Significant applications for both skin and hair

- Provides natural luster, lubricity and an emollient feeling to hair care products
- Provides excellent pigment wetting and is a very efficient pigment dispersant, which leaves behind an elegant cushioning skin feel

### INCORPORATION

**FANCOR ABYSSINIAN OIL** can be added at any convenient stage in the manufacturing cycle with mixing.

Solubility	@ 25°C	@ 75°C
Castor Oil	Soluble (Clear Solution)	Soluble (Clear Solution)
Mineral Oil (70vis)	Soluble (Clear Solution)	Soluble (Clear Solution)
Propylene Glycol	Insoluble	Insoluble
Glycerine	Slightly Soluble	Slightly Soluble
Ethyl Acetate	Soluble (Clear Solution)	Soluble (Clear Solution)
Ethyl Alcohol	Slightly Soluble	Slightly Soluble
Distilled Water	Insoluble	Insoluble
FANCORSIL® A	Slightly Soluble	Soluble (Clear Solution)
Isopropyl Myristate	Soluble (Clear Solution)	Soluble (Clear Solution)

continued...

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### LEVELS OF USE

The level of use of the **FANCOR ABYSSINIAN OIL** will depend on the formulation. Typical addition levels are 1-100%.

### HEALTH AND SAFETY

Before using this product please consult our Safety Data Sheet (SDS) for information on safe handling and storage. The SDS can be found on the company website.

### STORAGE RECOMMENDATIONS

Keep container sealed and store at room temperature.

### SHELF LIFE

**FANCOR ABYSSINIAN OIL** has a shelf life of 2 (two) years from date of manufacture.

### QUALITY ASSURANCE

Since 1992 the company is a holder of the ISO 9001 / ISO 9002 certificates, which guarantees that all operations are conducted according to the stipulated standards.

### SUSTAINABILITY

**FANCOR ABYSSINIAN OIL** is a raw material approved by Ecocert Greenlife in accordance with the Ecocert standard for Natural and Organic Cosmetics.

**FANCOR ABYSSINIAN OIL** is a raw material approved by Ecocert Greenlife in accordance with the COSMOS Standard.



**COSMOS  
APPROVED**

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