

FANCOR[®] 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...

FANCOR[®] ABYSSINIAN OIL

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

Quality and continuous improvement are paramount to our business. Facility manufacturing **FANCOR ABYSSINIAN OIL** has established strong quality management system and holds ISO 9001 certification.

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**

NOTE: The information herein is currently believed to be accurate. We do not guarantee its accuracy. Purchasers shall not rely on statements herein when purchasing any products. Purchasers should make their own investigations to determine if such products are suitable for a particular use. The products discussed are sold without warranty, express or implied, including a warranty of merchantability and fitness for use. Purchasers will be subject to a separate agreement which will not incorporate this document.

© Copyright 2020, Elementis Specialties, Inc. All rights reserved. Copying and/or downloading of this document or information therein for republication is not allowed unless prior written agreement is obtained from Elementis Specialties, Inc.

© Trademark of Elementis Specialties, Inc.

August 2020

North America

Elementis
469 Old Trenton Road
East Windsor, NJ 08512, USA
Tel.: +1 609 443 2500
Fax: +1 609 443 2422

Europe

Elementis UK Ltd.
c/o Elementis GmbH
Stolberger Strasse 370
50933 Cologne, Germany
Tel.: +49 221 2923 2066
Fax: +49 221 2923 2011

Asia

Deuchem (Shanghai) Chemical Co., Ltd.
99, Lianyang Road
Songjiang Industrial Zone
Shanghai, China 201613
Tel.: +86 21 5774 0348
Fax: +86 21 5774 3563