



TECHNICAL DATA SHEET

Issue date: 02/03/2021

Revision date: 02/03/2021

CALOPHYLLUM INOPHYLLUM DARK ORGANIC OIL

Version: 1.5

Supersedes: 29/10/2015

SECTION 1: Identification of the substance/mixture and of the company/undertaking

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Name : CALOPHYLLUM INOPHYLLUM DARK ORGANIC OIL
Product code : CALHV03_BIO
Origin : Vietnam,India

SECTION 2: PRODUCTION PROCESS

Manufacture : Fatty oil obtained by cold pressure of the seeds of Calophyllum inophyllum

SECTION 3: REGULATORY SITUATION

Botanical name : Calophyllum inophyllum L. = Calophyllum tacamahaca
INCI Name : CALOPHYLLUM INOPHYLLUM SEED OIL = CALOPHYLLUM TACAMAHACA SEED OIL
CAS-No. : 223748-12-7

SECTION 4: Physical and chemical properties

Physical state : Liquid.
Colour : Yellow. Green-brown.
Odour : Aromatic. characteristic.

Flash point : > 200 °C
Melting point : 23 °C
Freezing point : -20 °C
Relative density :
Refractive index : 1,3 – 1,5
Optical rotation :
Solubility : Insoluble in water.

Peroxide value (mEq O₂ / kg): max 20

Composition : C14:0 Myristic acid : 0 - 1 %
C16:0 Palmitic acid : 7 - 16 %
C16:1 Palmitoleic acid : 0 - 1 %
C18:0 Stearic acid : 12 - 18 %
C18:1 Oleic acid : 37 - 48 %
C18:2 Linoleic acid : 20 - 34 %
C20:0 Arachidic acid: 0 - 2 %

SECTION 5: Handling and storage

Maximum storage period : 18 months At the best before date, the oil preserves all its characteristics. Its manufacturing process, its conditioning, as well as the applied storage are studied to allow, if necessary, a possible extent of its validity by reanalyzing of its characteristics.
Storage temperature : ≈ 18 (5 – 25) °C

Exaflor Technical Data Sheet

This information is based on our current knowledge and is intended to describe the product for the purposes of health, safety and environmental requirements only. It should not therefore be construed as guaranteeing any specific property of the product.