



## TECHNICAL DATA SHEET

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# CALOPHYLLUM INOPHYLLUM OIL

Version: 1.4

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

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**Name** : CALOPHYLLUM INOPHYLLUM OIL  
**Product code** : CALHV01  
**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 O<sub>2</sub> / 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.*