



TECHNICAL DATA SHEET

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ORGANIC EVENING PRIMROSE OIL

Version: 1.0

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

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Name : ORGANIC EVENING PRIMROSE OIL
Product code : ONAHV01_BIO
Origin : China

SECTION 2: PRODUCTION PROCESS

Manufacture : Fatty oil obtained by cold pressure of the seeds of *Oenothera biennis*

SECTION 3: REGULATORY SITUATION

Botanical name : *Oenothera Biennis*
INCI Name : OENOTHERA BIENNIS OIL
CAS No : 90028-66-3
EC no : 289-859-2

SECTION 4: Physical and chemical properties

Physical state : Liquid.
Appearance : oily.
Colour : Yellow. Green.
Odour :
Flash point :
Relative density : 0,92 - 0,93
Refractive index : 1,475 - 1,48
Optical rotation :
Solubility : Insoluble in: alcohol. Soluble in. Ethers.

Acid value (mg KOH / g): max 5
Peroxide value (mEq O₂ / kg): max 10
Iodine value(g I₂ / 100g): 147-165
Saponification value: 180 - 200

Composition :
C16:0 Palmitic acid : 4 - 10 %
C18:0 Stearic acid : 1 - 4 %
C18:1 Oleic acid : 5 - 12 %
C18:2 Linoleic acid : 65 - 85 %
C18:3 Linolenic acid : Min 7 %

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