



Calendula Macerated Oil

31/01/2022

TECHNICAL DATA SHEET (TDS)

Product Name: GREEK MACERATED OIL - CALENDULA

INCI Name: OLEA EUROPAEA FRUIT OIL AND CALENDULA
OFFICINALIS FLOWER/TWIG EXTRACT

Appearance: Dark yellow to orange liquid, odor bright, earthy,
herbal fresh and characteristic

Description: Macerated Oil

Extraction Method: Macerate oil obtained by maceration of
the flowering tops of *Calendula officinalis* L. organic freshly
harvested in Greek Virgin Olive Oil.

Quality 100% Pure and Natural

Solubility: Soluble in alcohols; Insoluble in water

Batch Number: M-CA2022001B



vessel
essential oils

Calendula Macerated Oil

Chemical Characterization – Identification Numbers

INCI name	: Calendula officinalis flower extract	Olea europaea fruit oil
Botanical name	: Calendula officinalis L.	Olea europaea L.
CAS-No.	: 84776-23-8	8001-25-0
EINECS-No	: 283-949-5	232-277-0

PHYSICAL DATA

Refractive Index: 1.470 – 1.480 @ 20°C

Specific Gravity (g/mL): 0.910 – 0.930 @ 20°C

Flash Point: +175°C

Peroxyde value (meqO₂/kg): <40

ADDITIONAL ANALYTICAL DATA

Optical Rotation (°): Not known

LIMITED AROMATIC COMPONENTS

Limited components are not present



vessel
essential oils

Calendula Macerated Oil

FOOD ALLERGENS (Reg. 1169/2011)

Major allergens are not present

INDICATIONS

Status/Irradiation: Does not contain any irradiated ingredient

IFRA CONFORMITIES

IFRA conformity: Product not explicitly regulated by IFRA

COSMETIC REGULATION

Sensitizers listed by SCCNFP: Not present

FDA STATUS

HTC (Harmonized Tariff Code): 3301.29.5150

GMO STATUS

According To EU Reg. 1829 & 1830/2003:

This product does not entail any GMO labeling in the finished product

INCI/IUPAC and other NAMES

INCI/CTFE Name: OLEA EUROPAEA FRUIT OIL AND CALENDULA OFFICINALIS FLOWER/TWIG EXTRACT

BOTANICAL OR ANIMAL IDENTIFICATION

Origin of the product: Vegetal

Botanical family: Asteraceae

Botanical or scientific name: Calendula officinalis

Part of the plant used: Flowering tops/twigs

Crop time: September/October



REGULATORY DEFINITION OF THE PRODUCT

Definition as per Reg. 1334/2008/EC: Flavoring preparation
Article 3 2 d) i) Food Source

FDA § 101.22 CFR: Natural under § 101.22 (a) (3)

ISO STANDARD 9235:2013: 2.11 Macerated Oil

INVENTORY REGISTRATIONS

CAS Inventory: Listed Ingredient(s)

EINECS/ELINCS Inventories – Europe: Listed Ingredient(s)

INVENTORY REGISTRATIONS NUMBER

CAS number: 84776-23-8

Other CAS number: 70892-20-5

EINECS/ELINICS Nr: 283-949-5/273-313-5

FEMA: 2658

GEOGRAPHICAL ORIGIN OF THE PRODUCT

Product manufactured in: Greece

RECOMMENDED USES

Suggested use: For external use only

VERIFICATION OF THE DOCUMENT

Document revised: 31/01/2022



Calendula Macerated Oil

STABILITY AND STORAGE:

Keep in tightly closed container in a cool and dry place, protected from sunlight. When stored for more than 24 months, quality should be checked before use.

DISCLAIMER: Please refer to all relevant technical information specific to the product, prior to use. The information contained in this document is obtained from current and reliable sources. Vessel Essential Oils provides the information contained herein, but makes no representation as to its comprehensiveness or accuracy. Individuals receiving this information must exercise their independent judgement in determining its appropriateness for a particular purpose.

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