

TECHNICAL DATA SHEET

Effective date: 05.2021

Calendula Oil

INFORMATION ON SUBSTANCE / MIXTURE

INCI	Glycine soja oil, Calendula officinalis flower extract, Tocopherol
Botanical name	Calendula officinalis L.
Manufacturing process	Obtained by extraction of marigold flowering heads with refined, non genetically modified soybean oil. The product is stabilized with approx. 1500 mg/kg natural Vitamin E
Part used	Flowering tops

TECHNICAL DATA

Physical parameters

Appearance	Liquid
Color	Yellow to reddish-golden
Odor	Characteristic, hay like
Relative density at 20°C	[0,916 ; 0,922]
Refractive index at 20°C	[1,465 ; 1,475]
Acid value	Max 0,6
Iodine value	[120 ; 141]
Saponification value	[180 ; 200]

Chemical parameters

Fatty acid composition	%
Palmitic acid (C 16:0)	[8,0 ; 13,5]
Stearic acid (C 18:0)	[2,0 ; 5,4]
Oleic acid (C 18:1)	[17,0 ; 30,0]
Linoleic acid (C 18:2)	[48,0 ; 59,0]
Linolenic acid (C 18:3)	[4,5 ; 11,0]

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TRANSPORT, STORAGE and SHELF LIFE

Storage conditions	Light protected, not above room temperature, in tightly sealed containers. Once opened use immediately.
Shelf Life	36 months under good storage conditions.

STATEMENTS

Animal Testing

In accordance with Regulation (EC) No 1223/2009, article 18 the supplier has neither conducted nor commissioned animal testing of their products. We do not intend to conduct animal testing in the future.

BSE / TSE

The product is pure vegetable origin, during its production, storage and transport it has no contact with animal materials so that any contamination can be ruled out.

CMR

In accordance with Regulation (EC) No 1223/2009, article 15 no CMR substances are used or added during the production.

Colorants

In accordance with Regulation (EC) No 1223/2009, article 14c no colorants are used or added during the production.

Environmental and process contaminants

Environmental and process contaminants are assessed in accordance with the minimisation- or ALARA principle (As Low As Reasonably Achievable). By suitable measures relating to purification and control, we ensure that the pollution of the consumer is kept as low as possible.

GMO

This product does not have to be labelled according to the Regulations (EC) No. 1829/2003 and 1830/2003 regarding the traceability, labelling and approval as genetically modified food and feed products.

ISO standard 16128

In accordance with ISO standard 16128 we can inform you about the following parameters:

Natural index: 1 - Natural origin index: 1 - Natural content: 100% - Natural origin content: 100%

Lactose

We hereby confirm that no lactose is added during the production.

Latex

No latex is added during the production.

Melamine

No melamine is added during the production.

Microbiology

A microbiological risk can be excluded, as the product has an aw value of less than 0.6. This value represents the growth limit of micro-organisms.

Nanomaterial

In accordance with Regulation (EC) No 1223/2009, article 16 no nanomaterials are used or added during the production.

Origin

The product is pure vegetable origin.

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Palm Oil

No palm oil and no palm oil derivatives are used.

Preservatives

In accordance with Regulation (EC) No 1223/2009, article 14d no preservatives are used or added during the production.

Radiation

The product has not been treated with ionising radiation.

REACH

As the product has not been chemically modified, it comes under derogation pursuant to Regulation (EC) No. 987/2008, Annex II, §9. Registration is therefore not required. In addition, we confirm that none of the substances on the SVHC candidate list can be verified in a concentration of >0.1% in our products.

Substances according to Annex II and III

In compliance with Articles 3(safety) and 17 (The inadvertent presence of small quantities of a banned substance resulting from the contamination of natural or synthetic components [...] is technically unavoidable in good manufacturing practice, is allowed if it complies with Article 3.) of the EU Cosmetics Regulation no substance listed in Annex II and III is included in the product or has been added during production and refining.

Toxicological Information

The product is classified as not hazardous according to Regulation (EC) No 1272/2008 [CLP].

UV Filter

In accordance with Regulation (EC) No 1223/2009, article 14e no UV filters are used or added during the production.

Vegan

For the manufacture of the product no ingredients of animal origin or any derivatives thereof are used. This confirmation applies to the raw materials as well as all input materials and additives

VOC

Volatile organic compounds is the collective name for organic substances which evaporate easily or are gaseous even at low temperatures (eg room temperature). According to our risk assessment, production-related we do not assume that corresponding substances are contained in the above-mentioned product. An analysis does not take place

DISCLAIMER

All warranty claims in respect to the conformity of our product are subject to our General Terms and Conditions of Sale and Delivery. The data listed above reflects the results of the manufacturer or our supplier quality tests. We do not hereby make any express or implied warranty, whether for specific properties or for fitness for any particular application or purpose. All values are valid for the product when dispatched from the works. We recommend you perform your own quality and or identification checks on receipt.