

EVOIL[®] CALENDULA

PRODUCT DATA SHEET



CALENDULA is native to southern Europe and Egypt, but is now grown throughout temperate regions of the world.

Historically, **CALENDULA** (*Calendula officinalis*) has been used to treat various skin diseases, ranging from skin ulcerations to eczema and it was considered beneficial for reducing inflammation, for healing wounds and burns and as an antiseptic.

Calendula is a traditional Mediterranean skin care ingredient used to help preserve skin freshness, protect skin from over-drying, sun-induced wrinkles and sun caused aging during summer time. When used regularly the oil imparts deep olive shine to the skin, helps protect skin from age related thinning and drying out. Anti-aging properties of Calendula oil, known already to ancient Egyptians, may be related to the high content and diversity of carotenes, phytosterols, polyphenols, saponins, polysaccharides and EFAs. Calendula flowers are high in Vitamin A and the medicinal component calendulin.

The British Herbal Pharmacopoeia states that the flowers are used for enlarged or inflamed lymph nodes, sebaceous cysts, duodenal ulcers and inflammatory skin lesions.

EVOIL[®] CALENDULA restores dry, dehydrated, and mature skin. Skin problems, especially eczema and psoriasis, respond to its high content of active ingredients. **EVOIL[®] CALENDULA** is presented in a vegetable oil base.

TECHNICAL DATA

Appearance:	Clear pale yellow oily liquid
Odour:	Floral, sweet, herbaceous
Acidity index:	≤ 0.5 mg KOH/g
Peroxide value:	≤ 5.0 meq O ₂ /kg
Relative density (20°C):	0.910 - 0.915 g/ml

EVOIL[®] CALENDULA

APPLICATION



EVOIL[®] CALENDULA may be directly applied to the skin and hair. It may also be easily incorporated as an active ingredient or an excellent carrier in skin and hair care products. Its recommended dosage is between 3 to 10%.

EVOIL[®] CALENDULA applies easily, offers deep penetration and significant moisture retention together with high nourishing properties. It is especially suited to restore dry and mature skin.

Currently there are a wide range of calendula based cosmetics on the market, including:

- Toothpastes
- Shampoo
- Cleansing and baby wipes
- Skin care products (moisturizers, toners, creams)
- Sun care products

EVOIL[®] CALENDULA can also be used directly as massage oil. It should be kept in a cool place or refrigerated, tightly closed and away from light exposure.

INCI Name: Calendula Officinalis (Pot Marigold) Oil and Olus (Vegetable) Oil.

EVOIL CALENDULA OIL**CODE** 008281 **SPECIFICATION** **Nº** 00828103

PARAMETERS	SPECIFICATIONS	EDITION - 08/07/2008
Appearance	Clear yellow oily liquid. Its aroma is described as floral, sweet and herbaceous.	
Solubility	Slightly soluble in ethanol 96°, soluble in chloroform and ether. Insoluble in water.	
Relative density (PE 2.2.5)	0.910 - 0.915 g/cm3	
Acid Value (PE 2.5.1)	max. 0.5	
Peroxide value (meq/kg at time of pack, 20°C) (PE 2.5.5)	max. 5 meq. O2/Kg	
CHROMATOGRAPHY (PE 2.4.22)	FATTY ACID FRACTION	
Palmitic	6.0 - 11.0 %	
Palmitoleic	max. 0.6 %	
Margaric	max. 0.2%	
Stearic	max. 4.0%	
Oleic	17.0 - 30.0 %	
Linoleic	48.0 - 58.0 %	
Linolenic and higher	max. 8.0 %	

PACKING

KEEP FULL AND WELL CLOSED IN A DRY PLACE AWAY FROM LIGHT.

REMARKS