

PRODUCT IDENTIFICATION	
INCI Name	<i>Calendula officinalis</i> flower extract
Botanical source	Ethanol extraction of the concrete of flowers of <i>Calendula officinalis</i> , L.
Botanical family	Asteraceae
Status	Conventional
Part of Plant Used	Flowers

REGULATORY STATUS	
FEMA	2658
FDA	182.20
CEE	
EINECS	283-949-5
CAS TSCA	70892-20-5
CAS EINECS	84776-23-8

PRINCIPAL CHEMICAL CONSTITUENTS			
Carotenoids		Triterpenes	
Pentacyclic alcohols		Anidiol	
Calenduladiol		Heliantriol	

PHYSICAL PROPERTIES	
1. Appearance	Dark orangish-red viscous liquid
2. Aroma	Sweet, green, apple, floral and slightly spice like
3. Solubility in water	Insoluble
4. Refractive index @20°C	1.480 - 1.505
5. Density @20°C	0.955 - 0.980 g/cm ³
6. Optical Rotation @20°C	-1 to +4
7. Flash point	>100°C

Stability And Storage: Store in cool, dry and ventilated area, away from heat sources, sparks and open flames, protected from light in tightly closed original container.

Shelf Life: 24 months from dispatching date on, under normal storage conditions

Transport: UN # 3082, ADR/RID/ADN - 9 IMDG - 9 ICAO – 9

EC Dir. Labelling: Packaging group III

CLP/GHS labeling: H317, H411, H318, H319, H315, H226, H304, H410, H400, GHS09, GHS07

We certify that the aforementioned product is 100% pure and natural, is free of any additives, strictly originates from Egyptian raw material, and complies with FCC guidelines

Approved by:	QA	Version:	20 Jan 2019
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