

PRODUCT IDENTIFICATION	
INCI Name	Spinacia oleracea (Spinach) leaf extract
Botanical source	Extraction using volatile solvents followed by a purification in alcohol from the flowers of <i>Spinacia oleracea</i>
Botanical family	<i>Amaranthaceae</i>
Status	Conventional
Part of Plant Used	Leaves

REGULATORY STATUS	
FEMA	2988
FDA	
CEE	
EINECS	290-336-6
CAS TSCA	68917-48-6
CAS EINECS	90131-25-2

PRINCIPAL CHEMICAL CONSTITUENTS			
Camphene		Cineole-1,8	
Benzyl acetate		Un+Do+Tri-decane	

PHYSICAL PROPERTIES	
1. Appearance	Greenish-brown, slightly viscous liquid
2. Aroma	Strong, leafy, characteristic spinach-like
3. Solubility in water	Insoluble
4. Refractive index @20°C	1.474 to 1.496
5. Density @20°C	0.900 to 1.150 g/cm ³
6. Optical Rotation (°)	
7. Flash point	°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 No. , Class , Group

EC Dir. Labelling: N/A

CLP/GHS labeling:

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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