

PRODUCT IDENTIFICATION	
INCI Name	<i>Dianthus caryophyllus (carnation) extract</i>
Botanical source	Ethanol extraction of the concrete of flowers of <i>Dianthus caryophyllus. L.</i>
Botanical family	Caryophyllaceae
Status	Conventional
Part of Plant Used	Flowers

REGULATORY STATUS	
FEMA	2333
FDA	182.20
CEE	
EINECS	289-653-2
CAS TSCA	8021-43-0
CAS EINECS	89958-29-2

PRINCIPAL CHEMICAL CONSTITUENTS			
Octadecanoic Acids	24.80%	Palmitic Acid	17.30%
Benzyl Benzoate*	12.20%	Eugenol	8.03%
Benzyl Salicylate*	4.22%	Linalool	0.83%

PHYSICAL PROPERTIES	
1. Appearance	Yellowish brown to green semi-transparent liquid
2. Aroma	Warm, floral, heavy, fruity, softly spicy
3. Solubility in water	Insoluble
4. Refractive index @20°C	1.465 - 1.525
5. Density @20°C	0.890 - 0.945 g/cm ³
6. Optical Rotation @20°C	to
7. Flash point	72°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: Not regulated

EC Dir. Labelling: N/A

CLP/GHS labeling: Not regulated

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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