



## Product Specification

**Product Name:** Mandarin green organic  
**Item Number:** 2041  
**Product category:** 100% pure essential oil from pressing

### 1. IDENTIFICATION:

**Trade Name:** Mandarin green organic  
**Botanical Name:** Citrus reticulata  
**INCI:** Citrus reticulata Peel Oil  
**Cultivation:** c.org  
**Part of Plant:** Peel  
**Origin:** Brazil

**CAS TSCA-No:** 8008-31-9  
**CAS EINECS-No:** 84929-38-4  
**EINECS-No:** 284-521-0  
**FEMA-No:** 2657

**Production method:**

**Certification:** EU-Organic

### 2. TECHNICAL DATA

#### 2.1 Physical and chemical properties

**Color:** green yellow to orange  
**Appearance:** oily liquid  
**Odor:** fresh, fruity  
**pH-value:** no data available  
**Flash point:** 45°C  
**Water solubility:** Insoluble  
**Steam pressure:** Unavailable  
**Relative density at 20 °C:** 0,848 - 0,854  
**Refractive index at 20°C:** 1,473 - 1,478  
**Optical rotation at 20°C:** +60° to +75°

**Chemotypes:** Limonene, gamma-Terpinene, alpha- & beta-Pinene, Terpinolene, Paracymene

**Microbiological requirements:** none – product is microbiologically of low risk.



## 2.2 Allergens (according to regulation (EC) No 1223/2009 on cosmetic products)

INCI Name	Chemischer Name	Handelsname	CAS-Nr.	Konz %
Alpha-Isomethyl Ionone	3-Methyl-4-(2,6,6-Trimethyl-2-Cyclohexen-1-yl)-3-Buten-2-one	3-Methyl-4-(2,6,6-trime..)-3-buten-2-one	127-51-5	-
Amyl Cinnamal	2-(Phenylmethylene)Heptanal	alpha-Amylzimtaldehyd	122-40-7	-
Amylcinnamyl Alcohol	2-(Phenylmethylene)Heptanol	Amylzimtalkohol	101-85-9	-
Anise Alkohol	4-Methoxy-Benzyl Alcohol	Anisalkohol	105-13-5	-
Benzyl Alkohol	Benzyl Alcohol	Benzylalkohol	100-51-6	-
Benzyl Benzoat	Benzyl Benzoate	Benzylbenzoat	120-51-4	-
Benzyl Cinnamate	Cinnamic acid benzyl ester	Benzylcinnamat	103-41-3	-
Benzyl Salicylate	Benzyl 2-hydroxybenzoate	Benzylsalicylat	118-58-1	-
Butylphenyl Methylpropional (Lilial)	2-(4-tert Butylbenzyl) Propionaldehyde	2-(4-tert Butylbenzyl) Propionaldehyde	80-54-6	-
Cinnamaldehyde	3-Phenyl-2-Propenal	Zimtaldehyd	104-55-2	-
Cinnamyl Alcohol	Cinnamyl Alcohol; 3-Phenyl-2-Propen-1-ol	Zimtalkohol	104-54-1	-
Citral	3,7-Dimethyl-2,6-Octadienal	Citral (Geranial + Neral)	5392-40-5	max. 0,2 %
Citronellol	DL-Citronellol; 3,7-Dimethyl-6-Octen-1-ol	Citronellol	106-22-9	-
Coumarin	1-Benzopyran-2-one	Cumarin	91-64-5	-
Eugenol	2-Methoxy-4-(2-Propenyl)Phenol	Eugenol	97-53-0	-
Evernia Furfuracea Extract	Treemoos Extract	Baummoos abs.	90028-67-4	-
Evernia Prunastri Extract	Oakmoos Extract	Eichenmoos abs. Res.	90028-68-5	-
Farnesol	3,7,11-Trimethyl-2,6,10-Dodecatrien-1-ol	Farnesol	4602-84-0	-
Geraniol	3,7-Dimethyl-2,6-Octadien-1-ol	Geraniol	106-24-1	-
Hexyl Cinnamal	2-(Phenylmethylene)Octanal	alpha-Hexylzimtaldehyd	101-86-0	-
Hydroxycitronellal	7-Hydroxy-3,7-Dimethyloctanol	Hydroxycitronellal	107-75-5	-
Hydroxyisohexyl-3-cyclohexene..(Lyril)	4-(4-Hydroxy-4-methylpentyl)-3-cyclohexene-1-carboxaldehyde	Hydroxy-methylpentyl-cyclohexen...	31906-04-4	-
Isoeugenol	2-Methoxy-4-(1-Propenyl)Phenol	Isoeugenol	97-54-1	-
Limonene	p-Mentha-1,8-diene	d-Limonen	5989-27-5	70,0 - 80,0 %
Linalool	3,7-Dimethyl-1,6-Octadien-3-ol	Linalool	78-70-6	max. 0,5 %
Methyl 2-Octynoate	Methyl heptine carbonate	Methylheptincarbonat	111-12-6	-
Pulegon	p-Menth-4(8)-en-3-one	Pulegon	89-82-7	-

(-) = no data available

(+) = not detected

### 3. STABILITY AND STORAGE

**Shelf life (month):** 24

**Storage:** It is recommended to keep the product in a water-tight and air-tight container. Keep away from heat and sunlight. Store in a cool and good ventilated area.

### 4. FOOD SUITABILITY

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This product is basically suitable for the use in food.

The data is based on our current knowledge.

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