



## Product Specification

**Product Name:** Mint (Peppermint) organic  
**Item Number:** 2090  
**Product category:** 100% pure essential oil from distillation.

### 1. IDENTIFICATION:

**Trade Name:** Mint (Peppermint) organic  
**Botanical Name:** Mentha piperita L. var. piperita  
**INCI:** Mentha piperita Oil  
**Cultivation:** c.org  
**Part of Plant:** Plant  
**Origin:** India

**CAS TSCA-No:** 8006-90-4  
**CAS EINECS-No:** 84082-70-2  
**EINECS-No:** 282-015-4  
**FEMA-No:** 2848

Production method: Steam distillation of flowering herb

Certification: EU-Organic

### 2. TECHNICAL DATA

#### 2.1 Physical and chemical properties

**Color:** colorless to light green  
**Appearance:** oily liquid  
**Odor:** characteristic  
**pH-value:** no data available  
**Flash point:** > 60°C  
**Water solubility:** Insoluble  
**Steam pressure:** Unavailable  
**Relative density at 20 °C:** 0,9 - 0,916  
**Refractive index at 20°C:** 1,45 - 1,464  
**Optical rotation at 20°C:** -36° to -16°

Chemotypes: Menthol, Menthone, 1,8-Cineol, Menthyl acetate, Isomenthone, Neomenthol

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  | -       |
| 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    | < 0,1 % |
| 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..(Lylal) | 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  | < 5,0 % |
| Linalool                               | 3,7-Dimethyl-1,6-Octadien-3-ol                               | Linalool                                 | 78-70-6    | < 1,0 % |
| 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):** 36

**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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