



## Product Specification

**Product Name:** Ledum organic  
**Item Number:** 5263  
**Product category:** 100% pure hydrolate from distillation

### 1. IDENTIFICATION:

**Trade Name:** Ledum organic  
**Botanical Name:** Ledum groenlandicum  
**INCI:** Ledum groenlandicum Water  
**Cultivation:** wc.org  
**Part of Plant:** Plant  
**Origin:** Canada

**CAS TSCA-No:** /  
**CAS EINECS-No:** 90063-39-1  
**EINECS-No:** 289-997-3  
**FEMA-No:** /

Production method: Steam distillation of the plants

Certification: Org. Raw Mat.

### 2. TECHNICAL DATA

#### 2.1 Physical and chemical properties

**Color:** colorless  
**Appearance:** watery liquid  
**Odor:** characteristic  
**pH-value:** 3,8 - 4  
**Flash point:** >175°C  
**Water solubility:** Insoluble  
**Steam pressure:** Unavailable  
**Relative density at 20 °C:** 0,996 - 0,997  
**Refractive index at 20°C:** 1,331 - 1,333  
**Optical rotation at 20°C:** no data available

#### Microbiological requirements:

Analysis performed by BAV Institute GmbH

Results in CFU (Colony forming unit)



Amount of aerobic microorganisms/g: < 10  
 Amount of yeast and mould fungi/g: < 10  
 Specific Microorganism (Pseud. aeruginosa,  
 E. coli, Staph. Aureus, Candida albicans) /g not detectable

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

| INCI Name                              | Chemical Name  | Trade Name                               | CAS-Nr.    | Concentration |
|--|--|--|------------|---------------|
| 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                       | 3-Phenyl-2-Propenoic Acid, Phenylmethyl Ester                | Benzylcinnamat                           | 103-41-3   | -             |
| Benzyl Salicylate                      | Benzyl Salicylate  | Benzylsalicylat                          | 118-58-1   | -             |
| Butylphenyl Methylpropional (Lilial)   | 2-(4-tert Butylbenzyl) Propionaldehyde                       | 2-(4-tert Butylbenzyl) Propionaldehyde   | 80-54-6    | -             |
| Cinnamaldehyde                         | 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                               | 2H-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              | Oakmoss Extract  | Eichenmoos abs.                          | 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-Dimethyloctanal                                | 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  | -             |
| Linalool                               | 3,7-Dimethyl-1,6-Octadien-3-ol                               | Linalool                                 | 78-70-6    | < 0,1 %       |
| Methyl 2-Octynoate                     | Methyl heptine carbonate                                     | Methylheptincarbonat                     | 111-12-6   | -             |



### 3. STABILITY AND STORAGE

**Shelf life (month):** 24

**Storage:** Keep container tightly closed in a dry and well-ventilated place.

### 4. FOOD SUITABILITY

This product is not suitable for the use in food.

The data is based on our current knowledge.

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