



## TECHNICAL DATA SHEET

**Product name:** LEMONGRASS OIL  
**Botanical name:** Cymbopogon flexuosus  
**Product code:** OL0081  
**Item number:** 900393  
**CAS:** 8007-02-1

### Product description:

**Taste and odour:** Typical, characteristic of plant  
**Colour:** Yellow, brown  
**Appearance:** Liquid  
**Recommended dose:** 0,05-0,1 g/kg product

(The maximum permitted levels of food additives and food colorants are indicated in Regulation 1129/2011/EU and in the Directive 95/2/EC, modified by Directive 2003/114/EC.)

### Analytical properties:

|                                |                                 |         |
|--------------------------------|---------------------------------|---------|
|                                | Approval limit:                 | Method: |
| Density (20°C):                | 0,8830-0,9030 g/cm <sup>3</sup> | M0001   |
| Refractive index (20°C):       | 1,4750-1,4950                   | M0002   |
| Flash point:                   | 91 °C → 195,8 °F                | M0025   |
| Solubility:                    | soluble in alcohol, in oils     | M0010   |
| Neral (Citral) cont.(GC%):     | 30,00-37,00%                    | M0049   |
| Geranial (Citral) cont. (GC%): | 40,00-50,00%                    | M0049   |
| Geraniol cont. (GC%):          | max. 7,00%                      | M0049   |
| Geranyl acetate cont. (GC%):   | max. 5,00%                      | M0049   |
| Citronellal cont. (GC%):       | max. 3,00%                      | M0049   |

### Storage and handling:

**Shelf life:** 1095 days in closed original containers.  
**Storage conditions:** Store in a cool, dry place. Protected from light.  
**Remark:** Once opened, closed container tightly, so that original quality can be maintained.  
**Packaging:** 4,0 kg/plastic can  
10,0 kg/ plastic can

The specification was created based on our best knowledge, the provided information is accurate and correct according to the best of our knowledge. The product can be used at the sole liability of the Buyer and it is the Buyer's responsibility to justify that the product meets the requirements of local laws and regulations.



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20,0 kg/ plastic can

**Composition:** (in decreasing order, according to regulation No.1334/2008/EC)

Components: - Essential oil

**Other components of the product:**

| Components              | (w/w%)           |
|-------------------------|------------------|
| Propylene glycol* E1520 | Does not contain |
| Ethanol                 | Does not contain |
| Ethyl acetate E1504     | Does not contain |
| Glycerine E422          | Does not contain |
| Triacetine* E1518       | Does not contain |
| Diacetin* E1517         | Does not contain |
| Triethyl-citrate* E1505 | Does not contain |
| Benzyl alcohol** E1519  | Does not contain |

\* According to the Directive No. 2003/114/EC the maximum amount allowed in the final product is 3.0 g/kg, in beverages 1.0 g/l.

\*\* According to the Directive 2003/114/EC the maximum amount of benzyl alcohol allowed in liquors, aromatic wines, drinks from aromatic wines and beverages made from aromatic wine products is 100 mg/l; in candy, chocolate and pastries is 250 mg/kg.

**Limit value of pesticide residues:** (according to 396/2005/EC as amended)

Flavour products (see Composition) are plant derivatives extracted by a physical process (extraction, distillation, cold pressing). Depending on the process, it can not be excluded that flavour preparations show traces of pesticide residues. Because of the complex composition of our products, quantity indication of specific pesticides is not possible.

**GMO Declaration:** (according to regulation No.1829/2003/EC as amended)

We hereby certify that the above mentioned products do not have to be labeled as genetically modified according to current food legislation of labeling, approval and traceability of genetically modified organisms. Should the GMO-status of this product change, you will be informed.

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### **Dietary information:**

|                                     |         |
|-------------------------------------|---------|
| Suitable for vegans:                | yes     |
| Suitable for vegetarians:           | yes     |
| Suitable for lactose intolerants:   | yes     |
| Suitable for gluten intolerants:    | yes     |
| Complies with Jewish dietary laws:  | no data |
| Kosher certification is available:  | no      |
| Complies with Islamic dietary laws: | no data |
| Halal certification is available:   | no      |

### **Nutritional information:**

According to Regulation (EU) No 1169/2011 of the European Parliament and the Council covered by ANNEX V. the product is exempted from the requirement of the mandatory nutrition declaration.

### **Allergen information:**

According to Regulation (EU) No 1169/2011 of the European Parliament and the Council covered by ANNEX II. and the ALBA list:

#### **Notation:**

+ = **Contains**

- = **Does not contain**

# = **The product does not contain, but it can be presented at another production line or in the manufacturing facility.**

|    | <b>Allergenes</b>   |   |
|----|---|---|
| 1. | Cereals containing gluten, namely: wheat, rye, barley, oats, spelt, kamut or their hybridised strains, and products thereof | # |
| 2. | Crustaceans and products thereof  | - |
| 3. | Egg and products thereof  | - |
| 4. | Fish and products thereof   | # |
| 5. | Peanuts and products thereof  | - |
| 6. | Soybeans and products thereof   | - |
| 7. | Milk and products thereof (including lactose)   | # |

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|     |  |   |
|-----|--|---|
| 8.  | Nuts, namely: almonds, hazelnuts, walnuts, cashews, pecan nuts, Brazil nuts, pistachio nuts, macadamia or Queensland nuts and products thereof   | - |
| 9.  | Celery and products thereof  | # |
| 10. | Mustard and products thereof   | - |
| 11. | Sesame seeds and products thereof  | - |
| 12. | Sulphur dioxide and sulphites at concentrations of more than 10 mg/kg or 10 mg/litre in terms of the total SO <sub>2</sub> which are to be calculated for products as proposed ready for consumption or as reconstituted according to the instructions of the manufacturers; | - |
| 13. | Lupin and products thereof   | - |
| 14. | Molluscs and products thereof  | - |

|  | Additional allergens according to ALBA list |   |
|--|---|---|
|  | cocoa                                       | # |
|  | glutamate (E620-625)                        | # |
|  | chicken meat                                | - |
|  | coriander                                   | # |
|  | corn/maize                                  | # |
|  | legumes                                     | - |
|  | beef meat                                   | - |
|  | pork meat                                   | - |
|  | carrot                                      | - |

### **Other information:**

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### **Packaging compliance:**

All the packaging materials which were used for this product comply with the 10/2011/EC, 1935/2004/EC European Parliament and the European Council requirements, guidelines, and their changes.



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