Material safety data sheet
According to EU Regulation 1907/2006 in the current version
Organic Basil Essential Oil, COSMOS

1. Identification of the substance/mixture and company

Trade name: Organic Basil Essential Oil, COSMOS
Steam distillation of the flowering aerial parts, 100% pure and natural
INCI Ocimum basilicum oil
CAS No.: 8015-73-4 / 84775-71-3
EINESCS No.: 283-900-8
REACH pre-registration No.: -
Utilization: Raw material for cosmetic or professional use
Supplier company identification: Elemental SRL, Piața Cazărmii no.15, 410188 Oradea, jud.Bihor, Romania
Tel/Fax: +40259-436.755, www.elemental.eu
International emergency number: +49 180 2273-112

2. Hazards Identification

2.1 Classification of the substance or mixture

GHS Classification: (Regulation CLP)
AH1 Aspiration hazard 1
ATO4 Acute toxicity oral 4
CAR2 Carcinogenicity 2
EDI2 Serious eye damage / eye irritation 2
MUT2 Germ cell mutagenicity 2
SCI2 Skin corrosion / irritation 2
SS1 Sensitisation skin 1
H302 - Harmful if swallowed.
H304 - May be fatal if swallowed and enters airways.
H315 - Causes skin irritation.
H317 - May cause an allergic skin reaction.
H319 - Causes serious eye irritation.
H341 - Suspected of causing genetic defects.
H351 - Suspected of causing cancer.

2.2 Label elements

GHS Classification: (Regulation CLP)
Warning mention: Danger
AH1 Aspiration hazard 1
ATO4 Acute toxicity oral 4
CAR2 Carcinogenicity 2
EDI2 Serious eye damage / eye irritation 2
MUT2 Germ cell mutagenicity 2
SCI2 Skin corrosion / irritation 2
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H304 - May be fatal if swallowed and enters airways.
H315 - Causes skin irritation.
H317 - May cause an allergic skin reaction.
H319 - Causes serious eye irritation.
H341 - Suspected of causing genetic defects.
H351 - Suspected of causing cancer.
P272 - Contaminated work clothing should not be allowed out of the workplace.
P280 - Wear protective gloves/protective clothing/eye protection/face protection.
P301+P310 - IF SWALLOWED: Immediately call a POISON CENTER/doctor/…
P302+P352 - IF ON SKIN: Wash with plenty of water/…
P305+P351+P338 - IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.
P308+P313 - IF ON SKIN: Wash with plenty of water/…
P332+P313 - If skin irritation occurs: Get medical advice/attention.
P337+P313 - If eye irritation persists: Get medical advice/attention.
P501 - Dispose of contents/container in accordance with local/regional/national/international regulation.

2.2 Other hazards
Contains: Estragole, Linalool, 1,8,12-Bisabolatriene, Menthol, Citral

3. Declaration of ingredients
Product not concerned by the component list.

3.1. Substances

<table>
<thead>
<tr>
<th>Material</th>
<th>C.A.S</th>
<th>EINECS</th>
<th>Risk Symbol</th>
<th>%</th>
</tr>
</thead>
<tbody>
<tr>
<td>Estragole</td>
<td>140-67-0</td>
<td>205-427-8</td>
<td>ATO4, CAR2, MUT2, SS1B - H302, H317, H341, H351</td>
<td>85.00</td>
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<tr>
<td>Linalool</td>
<td>78-70-6</td>
<td>201-134-4</td>
<td>EDI2, SCI2, SS1B - H315, H317, H319</td>
<td>30.00</td>
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<tr>
<td>Eucalyptol</td>
<td>470-82-6</td>
<td>207-431-5</td>
<td>FL3, SS1B - H226, H317</td>
<td>6.00</td>
</tr>
<tr>
<td>1,8,12-Bisabolatriene</td>
<td>17627-44-0</td>
<td>241-610-9</td>
<td>AH1, SCI2, SS1B - H304, H315, H317</td>
<td>4.00</td>
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<tr>
<td>Citral</td>
<td>5392-40-5</td>
<td>226-394-6</td>
<td>EDI2, SCI2, SS1B - H315, H317, H319</td>
<td>3.00</td>
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<td>Menthol</td>
<td>89-78-1</td>
<td>201-939-0</td>
<td>EDI2, SCI2 - H315, H319</td>
<td>3.00</td>
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<tr>
<td>alpha-Phellandrene</td>
<td>99-83-2</td>
<td>202-792-5</td>
<td>AH1, FL3 - H226, H304</td>
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<tr>
<td>beta-Caryophyllene</td>
<td>87-44-5</td>
<td>201-746-1</td>
<td>AH1, SS1B - H304, H317</td>
<td>3.00</td>
</tr>
</tbody>
</table>

3.2. Mixtures
Not concerned
4. First aid measures

4.1 Description of first aid measures

Contact with skin: Wash immediately and abundantly with water and soap. Rinse then with clear water.

Contact with eyes: Abundant rinsing with water (15 minutes open eyelids) then washing with an ocular lotion standard Dacryoserum. In case of disorder, consult an ophthalmologist.

In the event of swallowing: Do not induce vomiting, maintain the patient at rest. Resort to the medical care.

In the event of excessive inhalation: Move the victim to fresh air. Get medical advice immediately.

Soiled clothing: Withdraw soiled clothing and re-use them only after decontamination.

5. Fire fighting measures

5.1. Extinguishing media
Recommended: foam, dry powder, carbon dioxide (CO₂)
Inadvisable: avoid full water jet.

5.2. Special hazards arising from the substance or mixture
Flammability: The product is not flammable.
Prevention: Do not smoke. Do not use flame near.

5.3. Advice for firefighters
Never use a direct stream of water.

6. Accidental release measures

6.1. Personal precautions, protective equipment and emergency procedures
Use appropriate personal protective equipment during clean-up.

6.2. Environmental precautions
Do not allow to enter sewers/surface or ground water.

6.3. Methods and material for containment and cleaning up
Absorb with liquid-binding material (sand, diatomite, acid binders, universal binders, sawdust).

6.4. Reference to other sections
Not concerned.

7. Handling and storage

7.1. Precautions for safe handling
Close packing after use. Reproduce labeling if transferred in another container.

7.2. Conditions for safe storage, including any incompatibilities
Material safety data sheet
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Organic Basil Essential Oil, COSMOS

- Avoid any useless exposure. Keep away from food and drinks.
- Preserve only in the container of origin in a clean and dry place. Keep the containers closed when not in use.
- Do not leave it near heat source, direct rays of the sun.

7.3. Specific end use(s)
Wash hands and any other area exposed with soap and water before eating, drinking, smoking and before leaving work.

8. Exposure controls / personal protection

8.1. Control parameters
Not concerned

8.2. Exposure controls
General protective and hygienic measures: Avoid skin and eyes contact. Keep away from foodstuffs, beverages and feed. Wash hands before breaks and at the end of work.

Personal Protection:
- Hand protection: Wear gloves.
- Eye protection: Wear glasses.
- Respiratory protection: Wear a mask.
- Ingestion: Do not use, drink and smoke during use.

9. Physical and chemical properties

9.1. Information on basic physical and chemical properties
Texture: Mobile liquid
Color: [Pale yellow; Yellow amber]
Odor: Characteristic, aniseed, spicy, aromatic

9.2. Other information
Angular rotation at 20°C (°): [-20; +5]
Relative density at 20°C: [0.920; 0.970]
Refractive index at 20°C: [1.490; 1.520]
Flash point (°C): [+70; +85]

10. Stability and reactivity

10.1. Reactivity
Not concerned

10.2. Chemical stability
Not concerned

10.3. Possibility of hazardous reactions
Not concerned

10.4. Conditions to avoid
Material safety data sheet
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Organic Basil Essential Oil, COSMOS

Not concerned

10.5. Incompatible materials
Not concerned

10.6. Hazardous decomposition products
Thermal decomposition / conditions to be avoided: No decomposition if used according to specifications.
Dangerous decomposition products: No dangerous decomposition products known.

11. Toxicological information

11.1. Information on toxicological Toxicological Information Acute:
• Oral
  1 198,62 determined
• Inhalation
  Not determined
• Skin
  Not classified

12. Ecological information

12.1. Toxicity
Do not leave the product, even diluted or in great quantity, penetrate the ground water, water or the drains.

12.2. Persistence and degradability
NOT CONCERNED

12.3. Bioaccumulative potential
NOT CONCERNED

12.4. Mobility in soil
NOT CONCERNED

12.5. Results of PBT and vPvB assessment
NOT CONCERNED

12.6. Other adverse effects
NOT CONCERNED

13. Disposal considerations

13.1. Waste treatment methods
Product: Recommendation: Does not have to be disposed of with waste. Do not let penetrate the sewers.
Unclean packaging: Recommendation: Evacuation in accordance with regulations.
14. Transport information

<table>
<thead>
<tr>
<th>ADR / RID</th>
<th>IMDG</th>
<th>IATA</th>
</tr>
</thead>
<tbody>
<tr>
<td>NOT REGULATED</td>
<td>NOT REGULATED</td>
<td>NOT REGULATED</td>
</tr>
</tbody>
</table>

14.1. UN number
ADR : NOT REGULATED
IMDG : NOT REGULATED
IATA : NOT REGULATED

14.2. UN proper shipping name
ADR : NOT REGULATED
IMDG : NOT REGULATED
IATA : NOT REGULATED

14.3. Transport hazard class(es)
ADR : NOT REGULATED
IMDG : NOT REGULATED
IATA : NOT REGULATED

14.4. Packing group
ADR : NOT REGULATED
IMDG : NOT REGULATED
IATA : NOT REGULATED

14.5. Environmental hazards
IMDG : Not concerned
Marine pollutant(s) : Not concerned

14.6. Special precautions for user
Not concerned

14.7. Transport in bulk according to Annex II of MARPOL73/78 and the IBC Code
Not concerned

15. Regulatory information

15.1. Safety, health and environmental regulations/legislation specific for the substance or mixture
Not concerned

15.2. Chemical safety assessment
Not concerned
Material safety data sheet
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Organic Basil Essential Oil, COSMOS

16. Additional information

16.1. Full H sentences text in point 3:
H226 Flammable liquid and vapor.
H302 Harmful if swallowed.
H304 May be fatal if swallowed and enters airways.
H315 Causes skin irritation.
H317 May cause an allergic skin reaction.
H319 Causes serious eye irritation.
H341 Suspected of causing genetic defects.
H351 Suspected of causing cancer.

Material security data sheet according to 2001/58/CEE.

16.2. Abbreviations:
ADR: European Agreement concerning the International Carriage of Dangerous Goods by Road.
CAS: Chemical Abstracts Service (division of the American Chemical Society).
CLP: Classification, Labeling, Packaging.
DNEL: Derived No Effect Level.
EINECS: European Inventory of Existing Commercial Chemical Substances.
GHS: Globally Harmonized System of Classification and Labeling of Chemicals.
IATA: International Air Transport Association.
IATA-DGR: Dangerous Goods Regulation by the "International Air Transport Association" (IATA).
ICAO: International Civil Aviation Organization.
ICAO-TI: Technical Instructions by the "International Civil Aviation Organization" (ICAO).
INCI: International Nomenclature of Cosmetic Ingredients.
LTE: Long-term exposure.
PNEC: Predicted No Effect Concentration.
RID: Regulation Concerning the International Transport of Dangerous Goods by Rail.
STE: Short-term exposure.
STEL: Short Term Exposure limit.
STOT: Specific Target Organ Toxicity.

DECLARATION OF ALLERGENS
7th Amendment to Directive 76/768/EC, annex III, part I (2003/15/EC)

<table>
<thead>
<tr>
<th>Compounds</th>
<th>C.A.S</th>
<th>% Natural</th>
<th>% Synthetic</th>
<th>% Total</th>
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<tbody>
<tr>
<td>3 and 4-(4-Hydroxy-4-methylpentyl)-3-cyclohexene-1-carboxaldehyde</td>
<td>31906-04-4</td>
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<tr>
<td>alpha-Amylcinnamyl alcohol</td>
<td>101-85-9</td>
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<tr>
<td>alpha-Amylcinnamaldehyde</td>
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</tbody>
</table>
Material safety data sheet
According to EU Regulation 1907/2006 in the current version
Organic Basil Essential Oil, COSMOS

<table>
<thead>
<tr>
<th>Ingredient</th>
<th>CAS Number</th>
<th>Melting Point</th>
<th>Boiling Point</th>
<th>Density</th>
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</thead>
<tbody>
<tr>
<td>alpha-Hexylcinnamaldehyde</td>
<td>101-86-0</td>
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<tr>
<td>alpha-iso-Methylionone</td>
<td>127-51-5</td>
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<tr>
<td>Anisyl alcohol</td>
<td>105-13-5</td>
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<td>-</td>
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<tr>
<td>Benzyl alcohol</td>
<td>100-51-6</td>
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<tr>
<td>Benzyl benzoate</td>
<td>120-51-4</td>
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<td>Benzyl cinnamate</td>
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<td>Benzyl salicylate</td>
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<td>Cinnamaldehyde</td>
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<td>Cinnamyl alcohol</td>
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<tr>
<td>Citral</td>
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<tr>
<td>Coumarin</td>
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<td>Eugenol</td>
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<td>Geraniol</td>
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<td>Hydroxycitronellal</td>
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<tr>
<td>Isoeugenol</td>
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<tr>
<td>Linalool</td>
<td>78-70-6</td>
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<td>Methyl 2-octynoate</td>
<td>111-12-6</td>
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<td>-</td>
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<td>Oakmoss absolute</td>
<td>9000-50-4, 689</td>
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<td>p-t-Butyl-alpha-methylhydrocinnamic aldehyde</td>
<td>80-54-6</td>
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<td>Treemoss (E. furfurac.)</td>
<td>68648-41-9, 68</td>
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<td><strong>37,1000</strong></td>
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<td><strong>37,1000</strong></td>
</tr>
</tbody>
</table>

Disclaimer:
This material safety data sheet does not constitute a guarantee of the properties of the product and is not a contractual legal report. The information is given in good faith on the basis of our best knowledge of the product at the indicated time. However, we cannot accept responsibility or liability for any consequences arising from its use, no warranty for correctness and completeness is given. We caution the users against the incurred possible risks when the product is used at other ends than the use for which it was initially planned. It is the user's responsibility during handling, storage and product use to consult the main regulatory texts in force regarding workers and environment protection.