

Material safety data sheet
According to EU Regulation 1907/2006 in the current version
FRESH GREEN NATURAL FRAGRANCE OIL

1. Identification of the substance/mixture and company

Trade name: Fresh Green Natural Fragrance Oil
INCI Parfum
REACH pre-registration No. : na
Utilization: Raw material for cosmetics, perfumery and professional use
Supplier company identification: Elemental SRL, Piața Cazărmii no.15, 410188-Oradea, jud.Bihor, Romania
Tel/Fax: +40259-436.755, www.ellemental.com
Emergency: RO: număr național pentru cazuri de urgență: 021 3183606 Institutul de Sănătate Publică București.
International emergency number: +49 180 2273-112

2. Hazards Identification

2.1 Classification of the substance or mixture

Classification according to Regulation (EC) No 1272/2008

Eye Irrit. 2 Serious eye damage / eye irritation 2

Aquatic Chronic 2 Hazardous to the aquatic environment, long-term hazard 2

Skin Irrit. 2 Skin corrosion / irritation 2

Skin Sens. 1 Sensitisation skin 1

H315 - Causes skin irritation.

H317 - May cause an allergic skin reaction.

H319 - Causes serious eye irritation.

H411 - Toxic to aquatic life with long lasting effects.

NATURE : Mixture of aromatic products, natural origin.

2.2 Label elements

Warning mention : Warning

Eye Irrit. 2 Serious eye damage / eye irritation 2

Aquatic Chronic 2 Hazardous to the aquatic environment, long-term hazard 2

Skin Irrit. 2 Skin corrosion / irritation 2

Skin Sens. 1 Sensitisation skin 1

H315 - Causes skin irritation.

H317 - May cause an allergic skin reaction

H319 - Causes serious eye irritation.

H411 - Toxic to aquatic life with long lasting effects.

P261 - Avoid breathing dust/fume/gas/mist/vapours/spray.

P264 - Wash ... thoroughly after handling.

P272 - Contaminated work clothing should not be allowed out of the workplace.

P273 - Avoid release to the environment.



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P280 - Wear protective gloves/protective clothing/eye protection/face protection.
P302+P352 - IF ON SKIN: Wash with plenty of water

2.3. Other hazards

Contains Linalool, Limonene, Linalyl acetate, Geraniol, Citronellol, Beta Pinene

3. Declaration of ingredients

3.1 Substances

Not concerned

3.2 Mixtures

| Material | C.A.S | EINECS | Risk Symbol | % |
|-------------------|------------|------------|--|-----------|
| Linalool | 78-70-8. | 201-134-4 | Eye Irrit. 2, Skin Irrit. 2 - H315, H319 | [10-20] |
| Beta Pinene | 127-91-3. | 204-872-5 | Asp. Tox. 1, Aquatic Acute 1, Aquatic Chronic 1, Flam. Liq. 3, Skin Irrit. 2, Skin Sens. 1B - H226, H304, H315, H317, H400, H410 | [1-5] |
| Carvone Naturelle | 6485-40-1. | 229-352-5 | Skin Sens. 1B - H317 | [1-5] |
| Citronellol | 106-22-9 | 203-375-0 | Eye Irrit. 2, Skin Irrit. 2, Skin Sens. 1B - H315, H317, H319 | [1-5] |
| Geraniol | 106-24-1 | 203-377-1 | Eye Dam. 1, Skin Irrit. 2, Skin Sens. 1 - H315, H317, H318 | [1-5] |
| LINALYLE ACETATE | 115-95-7. | 204-116-4. | Eye Irrit. 2, Skin Irrit. 2 - H315, H319 | [1-5] |
| Limonene | 5089-27-5. | 227-813-5 | Asp. Tox. 1, Aquatic Acute 1, Aquatic Chronic 1, Flam. Liq. 3, Skin Irrit. 2, Skin Sens. 1B - H226, H304, H315, H317, H400, H410 | [1-5] |
| Eucalyptol | 470-82-6. | 207-431-5 | Aquatic Chronic 3, Flam. Liq. 3, Skin Sens. 1B - H226, H317, H412 | [0-1] |
| Vetiverol | 89-88-3 | 201-949-5 | Eye Irrit. 2, Skin Irrit. 2, Skin Sens. 1B - H315, H317, H319 | [0-1] |

4. First aid measures

4.1 Description of first aid measures

General information: No special measures required.

After inhalation: Supply fresh air; consult doctor in case of complaint.

After skin contact: Wash with water and soap and rinse thoroughly. If skin irritation continues, consult a doctor.

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After eye contact: Rinse opened eye for several minutes under running water. If symptoms persist, consult a doctor.
After swallowing: Seek immediate medical advice.
Information for doctor: No further relevant information available.

4.2 Most important symptoms and effects, both acute and delayed

No further relevant information available.

4.3 Indication of any immediate medical attention and special treatment needed

No further relevant information available.

5. Fire fighting measures

5.1 Extinguishing media

Suitable extinguishing agents: CO₂, powder or water spray. Fight larger fires with water spray or alcohol resistant foam.

5.2 Special hazards arising from the substance or mixture

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

Wear protective clothing. Use appropriate personal protective equipment during clean-up.

Particular danger of slipping on leaked/spilled product.

6.2 Environmental precautions

Do not allow product to reach sewage system or any water course. 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).

Pick up mechanically. Ensure adequate ventilation.

7. Handling and storage

7.1 Precautions for safe handling

Close packing after use. Reproduce labelling if transfer in another container. Information about fire - and explosion protection: Keep ignition sources away - Do not smoke.

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7.2 Conditions for safe storage, including any incompatibilities

Avoid any useless exposure. Keep away from food and drinks. Preserve only in the container of origin in a fresh place and broken down well. Keep the containers closed out of their use. Do not leave it near heat source, direct sunrays

7.3 Specific end use(s)

No further relevant information available.

8. Exposure controls / personal protection

8.1 Control parameters

Ingredients with limit values that require monitoring at the workplace: The product does not contain any relevant quantities of materials with critical values that have to be monitored at the workplace.

8.2 Exposure controls

General protective and hygienic measures: The usual precautionary measures are to be adhered to when handling chemicals.

Respiratory protection: Not necessary if room is well-ventilated.

Protection of hands: Protective gloves

Material of gloves: The selection of the suitable gloves does not only depend on the material, but also on further marks of quality and varies from manufacturer to manufacturer. As the product is a preparation of several substances, the resistance of the glove material can not be calculated in advance and has therefore to be checked prior to the application.

Eye protection: Safety glasses

Body protection: Protective work clothing

9. Physical and chemical properties

Form: liquid

Colour: yellowish

Odour: Characteristic, zesty, green

Refractive index at 20°C : [1.43000 ; 1.4700]

Relative density at 20°C : [1.0200 ; 1.0600]

Flash point (°C) : 75

Vapour density Not determined.

Solubility in / Miscibility with water: Insoluble.

10. Stability and reactivity

10.1 Reactivity

Stable, in normal usage conditions. No dangerous reactions known

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10.2 Chemical stability

Stable. Thermal decomposition / conditions to be avoided:
No decomposition if used according to specifications.

10.3 Possibility of hazardous reactions

No dangerous reactions known.

10.4 Conditions to avoid

No further relevant information available.

10.5 Incompatible materials

No further relevant information available.

10.6 Hazardous decomposition products

No decomposition if used according to specifications

11. Toxicological information

11.1 Summary

Toxicological Information : No data available.

Toxicological Informations Acute :

Orale

Not classified

Inhalation

Not determined

Skin

Not determined

12. Ecological information

12.1 Summary

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

12.2. Persistence and degradability

NO CONCERNED

12.3. Bioaccumulative potential

NO CONCERNED

12.4. Mobility in soil

NO CONCERNED

12.5. Results of PBT and vPvB assessment

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NO CONCERNED

12.6. Endocrine disrupting properties

12.7. Other adverse effects NO CONCERNED

13. Disposal considerations

13.1 Waste treatment methods

Product : Recommendation : Does not have to be evacuated with the refuse . Not to let penetrate in the sewers.

Not cleaned packing : Recommendation : Evacuation in accordance with the regulations.

14. Transport information

14.1. UN number: UN3082

14.2 UN Proper Shipping Name: ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S. (Limonene)

14.3 Transport hazard class(es): 9

14.4. Packing Group: III

14.5 Environmental hazards: This is an environmentally hazardous substance. Marine Pollutant

14.6 Special precautions for user: None additional

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

15. Regulatory information

The product is not classified.

15.1. Safety, health and environmental regulations/legislation specific for the substance or mixture

Class of water contamination (Germany) : WGK.

15.2. Chemical safety assessment

NO CONCERNED

16. Additional information

16.1 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.

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ICAO-TI: Technical Instructions by the "International Civil Aviation Organization" (ICAO).

IMDG: International Maritime Code for Dangerous Goods.

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.

16.2 Full H sentences text in point 3 :

H226 Flammable liquid and vapour.

H304 May be fatal if swallowed and enters airways.

H315 Causes skin irritation.

H317 May cause an allergic skin reaction.

H318 Causes serious eye damage.

H319 Causes serious eye irritation.

H400 Very toxic to aquatic life.

H410 Very toxic to aquatic life with long lasting effects

H412 Harmful to aquatic life with long lasting effects.

DECLARATION OF ALLERGENS

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

| I.N.C.I. | C.A.S. | % |
|-------------------------------------|----------|--------|
| Alpha-Hexyl cinnamic aldehyde (HCA) | 101-86-0 | - |
| Amyl cinnamic alcohol | 101-85-9 | - |
| Amyl cinnamic aldehyde (ACA) | 122-40-7 | - |
| Anisyl alcohol | 105-13-5 | - |
| Benzyl salicylate | 118-58-1 | - |
| Benzyl benzoate | 120-51-4 | - |
| Benzyl cinnamate | 103-41-3 | - |
| Benzyl alcohol | 100-51-6 | 0,0114 |
| Cinnamic alcohol | 104-54-1 | - |

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| | | |
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| Cinnamic aldehyde | 104-55-2 | - |
| Citral | 5392-40-5 | 0,1208 |
| Citronellol | 106-22-9 | 1,5336 |
| Coumarin (2p-1-benzopyran-2-one) | 91-64-5 | - |
| d-Limonene | 5989-27-5 | 4,8310 |
| Eugenol | 97-53-0 | 0,0006 |
| Farnesol | 4602-84-0 | 0,0023 |
| Geraniol | 106-24-1 | 1,5186 |
| Lylal (Hydroxymethylpentyl cyclohexene carbaldoxaldehyde) | 31906-04-4 | - |
| Hydroxycitronellal | 107-75-5 | - |
| Isoeugenol | 97-54-1 | 0,0053 |
| alpha-Iso-methyl ionone | 127-51-5 | - |
| Linalool | 78-70-6 | 17,3126 |
| Methyl heptine carbonate | 12/06/11 | - |
| Methyleugenol | 93-15-2 | - |
| Oakmoss absolute | 9000-50-4 | - |
| p-tert-Butyl-alpha- methylhydrocinnamic aldehyde | 80-54-6 | - |
| Tree moss | 68648-41-9 | - |

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.