

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

1. Identification of the substance/mixture and company

Trade name: Magnolia 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

Asp. Toxic. 1 Aspiration hazard 1

Aquatic Chronic 3 Hazardous to the aquatic environment - chronic

3 Flam. Liq. 3 Flammable liquids 3

Repr. 2 Reproductive toxicity 2 Skin Irrit.

2 Skin Corrosion / Skin Irritation 2 Skin Sens. 1

Skin Sensitization 1

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.

H361 - Suspected of damaging fertility or the unborn child <state effect if known> <state route of exposure if it is conclusively proven that no other routes of exposure lead to the same hazard

H412 - Harmful to aquatic organisms with long lasting adverse effects.

NATURE : Mixture of aromatic products, natural origin.

2.2 Label elements

Signal word: DANGER

Asp. Toxic. 1 Aspiration hazard 1 Aquatic

Chronic 3 Hazardous to the aquatic environment - chronic 3 Flam. Liq. 3

Flammable liquids 3 Repr. 2 Reproductive toxicity 2

Skin Irrit. 2 Skin corrosion / irritation 2

Skin Sens. 1 Sensitisation skin 1

H226 - Flammable liquid and vapour.

H304 - May be fatal if swallowed and enters airways.

H315 - Causes skin irritation.



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H317 - May cause an allergic skin reaction
H361 - Suspected of damaging fertility or the unborn child <state effect if known> <state route of exposure if it is conclusively proven that no other routes of exposure lead to the same hazard.
H412 - Harmful to aquatic organisms with long lasting adverse effects..
P201 - Obtain special instructions before use.
P202 - Do not handle until all safety precautions have been read and understood.
P210 - Keep away from heat, hot surfaces, sparks, open flames and other ignition sources
P233 - Keep container tightly closed.
P241 - Use electrical/ventilation/lighting/Ö/explosion-proof equipment.
P242 - Use non-sparking tools.
P264 - Wash ... thoroughly after handling.
P272 - Contaminated work clothing should not be allowed out of the workplace.
P273 - Avoid release to the environment.
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 natural Limonene, Linalool, Gamma Terpinene, Citral, alpha-Pinene

3. Declaration of ingredients

3.1 Substances

Not concerned

3.2 Mixtures

| C.A.S | EINECS | Material | Risk Symbol | % |
|-----------------|--|--|-------------|---|
| CAS# 5989-27-5. | EINECS# 227-813-5. | Limonene Asp. Tox. 1, Aquatic Acute 1, Aquatic Chronic 3, Flam. Liq. 3, Skin Irrit. 2, Skin Sens. 1B H304, H400, H412, H226, H315, H317 [10-20%] | | |
| CAS# 78-70-6. | EINECS# 201-134-4. REACH# N° 01-2119474016-42-0000 | Linalol naturel Eye Irrit. 2, Skin Irrit. 2, Skin Sens. 1B H319, H315, H317 [1-5%] | | |
| CAS# 99-85-4 | EINECS# 202-794-6 | Gamma Terpinene Asp. Tox. 1, Aquatic Chronic 2, Flam. Liq. 3, Repr. 2 H304, H411, H226, H361 [0-1%] | | |
| CAS# 123-35-3 | EINECS# 204-622-5 | Myrcene Asp. Tox. 1, Eye Irrit. 2, Aquatic Acute 1, Aquatic Chronic 2, Flam. Liq. 3, Skin Irrit. 2 H304, H319, H400, H411, H226, H315 [0-1%] | | |
| CAS# 5392-40-5. | EINECS# 226-394-6. REACH# 01-2119462829-23- | Citral Eye Irrit. 2, Skin Irrit. 2, Skin Sens. 1A H319, H315, H317 [0-1 %] | | |
| CAS# 80-56-8 | EINECS# 201-291-9 | alpha-Pinene Asp. Tox. 1, Acute Tox. 4 (Oral), Aquatic Acute 1, Aquatic Chronic 1, Flam. Liq. 3, Skin Irrit. 2, Skin Sens. 1B H304, H302, H400, H410, H226, H315, H317 [0-1 %] | | |
| CAS# 78-70-6. | EINECS# 201-134-4 REACH# 01-2119474016-42-0000 | Linalool Eye Irrit. 2, Skin Irrit. 2, Skin Sens. 1B H319, H315, H317 [0-1%] | | |

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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.

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

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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.

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, flowery

Refractive index at 20°C : [1.4300; 1.4700]

Relative density at 20°C : [1.0300; 1.0800]

Flash point (°C) : 60

Vapour density Not determined.

Solubility in / Miscibility with water: Insoluble.

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10. Stability and reactivity

10.1 Reactivity

Stable, in normal usage conditions. No dangerous reactions known

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 : Do not let the product, undiluted or in large quantities, enter ground water, water or pipes

Toxicological Informations Acute :

Orale

Not classified material

Inhalation Not determined

Dermal Unclassified material

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

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12.5. Results of PBT and vPvB assessment

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: UN 1169

14.2 UN Proper Shipping Name: LIQUID AROMATIC EXTRACTS

14.3 Transport hazard class(es): 3

14.4. Packing Group: III

14.5 Environmental hazards: This is an environmentally hazardous substance. Not regulated

14.6 Special precautions for user: None additional

14.7 Transport in bulk according to Annex II of MARPOL73/78 and the IBC Code no data available

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.

H302 Harmful if swallowed.

H304 May be fatal if swallowed and enters the respiratory tract.

H315 Causes skin irritation.

H317 May cause skin allergy.

H319 Causes severe eye irritation.

H361 Suspected of damaging fertility or the fetus <state effect if known> <state route state route of exposure if it is conclusively proven that no other routes of exposure cause the same hazard>.

H400 Very toxic to aquatic organisms.

H410 Very toxic to aquatic organisms, causes long-term adverse effects.

H411 Toxic to aquatic organisms, causing long-term adverse effects.

H412 Harmful to aquatic organisms, causing long-term adverse 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 | 0,0012 |
| Benzyl salicylate | 118-58-1 | - |
| Benzyl benzoate | 120-51-4 | - |
| Benzyl cinnamate | 103-41-3 | - |
| Benzyl alcohol | 100-51-6 | - |
| Cinnamic alcohol | 104-54-1 | - |

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| | | |
|---|------------|---------|
| Cinnamic aldehyde | 104-55-2 | - |
| Citral | 5392-40-5 | 0,3757 |
| Citronellol | 106-22-9 | 0,0136 |
| Coumarin (2p-1-benzopyran-2-one) | 91-64-5 | - |
| d-Limonene | 5989-27-5 | 13,1233 |
| Eugenol | 97-53-0 | 0,0390 |
| Farnesol | 4602-84-0 | 0,0004 |
| Geraniol | 106-24-1 | 0,0191 |
| Lyral (Hydroxymethylpentyl cyclohexene carbaldoxaldehyde) | 31906-04-4 | - |
| Hydroxycitronellal | 107-75-5 | - |
| Isoeugenol | 97-54-1 | - |
| alpha-Iso-methyl ionone | 127-51-5 | - |
| Linalool | 78-70-6 | 4.6923 |
| 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.