



**Material Safety Data Sheet**  
According to EU Regulation 1907/2006 in the current version

Date 14.02.2015  
Version 1.0

**ORCHID NATURAL FRAGRANCE**

**1. Identification of the substance/preparation and trade name**

Trade name: "Orchid" natural fragrance  
Mixture of aromatic products, natural origin  
Utilization: aromatic raw material for cosmetic and perfumery  
Company identification: **Elemental SRL**, Piata Cazarmii no.15, 410188-Oradea, Bihor-Romania,  
Tel/Fax: +40259-436.755, www.elemental.eu  
Emergency: RO: Biroul pentru Regulamentul Sanitar Internațional și Informare Toxicologică - Telefon de urgență 021 318 3606

**2. Hazards Identification**

2.1. Classification de la substance ou du mélange

Classification conformément aux directives UE 67/548/CEE et 1999/45/CE :

- Risques pour la santé : Xi R43:Peut entraîner une sensibilisation par contact avec la peau.
- Risques pour l'environnement : R52-53:Nocif pour les organismes aquatiques, peut entraîner des effets néfastes à long terme pour l'environnement aquatique.

Classification (RÈGLEMENT (CE) No 1272/2008)



Classification (67/548/CEE, 1999/45/CE)

NATURE : MÊlange de produits aromatiques, d'origine naturelle

2.2. Elements d'étiquetage

Classification conformément aux directives UE 67/548/CEE et 1999/45/CE :

- Risques pour la santé : Xi R43:Peut entraîner une sensibilisation par contact avec la peau.
- Risques pour l'environnement : R52-53:Nocif pour les organismes aquatiques, peut entraîner des effets néfastes à long terme pour l'environnement aquatique.

S24:Eviter le contact avec la peau. S37:Porter des gants appropriés.

2.3. Autres dangers: NON CONCERNE

**3. Composition / Information on ingredients**

INCI name: Perfume

Compounds naturally present :

3.1. Substances: no

3.2. Mixture

Compound C.A.S EINECS Symbol danger Classification CLP Percentage %

Benzyl Salicylate 118-58-1 204-262-9 N, Xi R43 R51-53 - H317, H412 [ 0-5 ]

Geraniol 106-24-1 203-377-1 Xi R38 R43 - H315, H317, H318 [ 0-5 ]

Geranyle Acetate Naturel 105-87-3 203-341-5 N R51-53 - H411 [ 0-5 ]

Limonene 5989-27-5 227-813-5 N, Xi R10 R38 R43 R50-53, - H226, H304, H315, H317, H400, H410 [ 0-5 ]

Linalool 78-70-6 201-134-4 Xi R38 - H315 [ 0-5 ]

**4. First Aid**

After excessive inhalation: Move exposed person to fresh air. Keep the person warm and at rest. Call a doctor in case of persistence or worsening of adverse health effects. If unconscious, place the person in



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First aid after Skin contact:	recovery position and call a physician immediately. Ensure good air circulation. Remove contaminated clothing. Rinse affected area with plenty of water. Contact a physician if symptoms persist.
First aid after Eye contact:	Immediately flush eyes with plenty of water, occasionally lifting the upper and lower eyelids. Check for and remove any contact lenses. Continue to rinse for at least 15 minutes. Get medical attention if irritation occurs.
First aid after Ingestion:	Rinse mouth with water. Move exposed person to fresh air. Keep the person warm and at rest. Do not induce vomiting unless directed by medical personnel. If vomiting occurs, keep head down to prevent the passage of vomit into the lungs. Call a doctor in case of persistence or worsening of adverse health effects. If unconscious, place the person in recovery position and call a physician immediately. Ensure good air circulation.

**5. Fire-fighting Measures**

Suitable extinguishing media:	Foam, dry chemical powder, carbon dioxide, sand or earth
Unsuitable extinguishing	Direct waterjet
Special protective equipment	Avoid vapour inhalation. Keep away from sources of ignition. Do not smoke. Wear positive pressure self-contained breathing apparatus & protective clothing.
Fire and explosion protection	Avoid open flames. Toxic vapours must be avoid during fire. Respiratory protection should be released during fire.
Other information	Product not flammable. Closed containers may build up pressure when exposed to heat and should be cooled with water spray.

**6. Accidental release measures:**

Personal precautions:	Provide adequate ventilation, avoid contact with skin and eye contact. Use individual protective equipment (safety glasses, waterproof-boots, suitable protective clothing). Don't smoke. Prevent any contact with hot surfaces (see rubric 8).
Environmental precautions	Shut off source. Prevent product from entering sewerage, water courses or low lying areas. Take measures to reduce or prevent effects on ground water.
Land spill:	Gather product mechanically if possible. Bind remainings of the product with sand or other appropriate absorbent and remove. Dispose of product and contaminated absorbents in suitable containers, as directed in section 13.
Water spill:	Confine the spill immediately with booms. Warn other ships. Notify port and other relevant authorities. Remove from the surface by skimming or with suitable absorbents. In running waters, apply appropriate dispersants in accordance with local regulation.
Methods for cleaning up:	Contain spilled material, cover with an inert, non-combustible, inorganic, absorbent material and destroy according to the regulation in force.

**7. Handling and Storage**

Precautions for safe handling:	To avoid splashing into the eyes and mucous membranes and following the arrangement of the workplace and manipulations, wearing glasses and special clothing (gloves...) may be indicated. It is prohibit smoking in areas where they are handled. Do not heat with a naked flame or expose their vapors to a flame or other sources of ignition (eg electrical
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equipment). Do not abundantly breathe vapors. Large spillages should be contained with sand or inert powder.

Conditions for safe storage: Store in cool, dry and ventilated area, away from heat sources, sparks and open flames, protected from light in tightly closed original container.

**8. Exposure Controls and Personal Protection**

Respiratory protection: Avoid to breath directly on the product. Ensure a good ventilation of the workroom.  
Hand protection: Use protective gloves  
Eye protection: Avoid contact with eyes. Use eye protectors designed to protect against liquid splashes  
Before handling, wear safety goggles in accordance with standard EN166.  
Physical protection: Use individual protective equipment



**9. Physical and Chemical Properties**

Appearance: liquid at room temperature  
Colour: colourless to light yellow  
Odour: typical  
Flash point: n/a  
Specific gravity at 20°C: 0.8500 to 0.8550  
Refractive index at 20°C: 1.4250 - 1.4550  
Solubility(ies): insoluble in water; soluble in ethanol

**10. Stability and Reactivity**

Stability: No significant modifications, respecting the storage conditions (see rubric 7).  
Reactivity: This product is stable to shock, vibration and pressure under normal conditions of use. In the presence of light and heat, oxidation can occur.  
Conditions to avoid: Do not heat to high temperature. Do not expose sealed containers in the sun. Keep away from sources of ignition.  
Substances to avoid: Avoid contacts with strong acids, alkali or oxidizing agents.

**11. Toxicological Information**

Ill effect by absorption: LD org. 50: not determined  
Ill effect by dermal contact: LD derm. 50: not determined  
CMR naturally present: none  
IFRA restrictions: product is in compliance with the standards of the IFRA - 47h amendment  
Germ cell mutagenicity: not determined  
Carcinogenity: not determined  
Reproductive toxicity: not determined  
Residual solvents: not applicable

**12. Ecological Information**



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Prevent contamination of soil, ground and surfacewater of the undiluted product. Biodegradability not determined.  
Toxic to aquatic organisms, resulting in long-term adverse effects.

**13. Disposal Considerations**

Recommendation: In accordance with local environmental laws. Avoid disposing into drainage systems and into the environment.

**14. Transport Information**

UN no: not regulated  
Road (ADR/RID): not regulated  
Air (IATA/ICAO): not regulated  
Sea (IMDG): not regulated

**15. Additional Regulatory Information**

Regulations specific for the substance or mixture:  
Classe de contamination de l'eau (Allemagne) : WGK  
Chemical safety assessment:  
R43 Contains: Benzyl Salicylate, Eugenol, Geraniol, Limonene.

**16. Other Information**

**DECLARATION OF ALLERGENS**

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

INCI Name	CAS No	Typical Contents in %
2-(TERT-BUTYL PROPIONALDE) (Lilial)	80-54-6	0
3-METHYL-4-(2,6,6 TRIMETHYL-2-CYCLOHEXINE-1-YL)-3-BUTEN-2-ONE	127-51-5	0
AMYL CINNAMAL	122-40-7	0
AMYL CINNAMYL ALCOHOL	101-85-9	0
ANISYL ALCOHOL (Anise alcohol)	105-13-5	0
BENZYL ALCOHOL	100-51-6	0
BENZYL BENZOATE	120-51-4	0
BENZYL CINNAMATE	103-41-3	0
BENZYL SALICYLATE	118-58-1	<= 1,8000
CINNAMAL (Cinnamic Aldehyde)	104-55-2	0
CINNAMYL ALCOHOL	104-51-6	0
CITRAL	5392-40-5	<= 0,0025
CITRONELLOL	106-22-9	0
COUMARIN	91-64-5	0
EUGENOL	97-53-0	<= 0,1089
FARNESOL	4602-84-0	0
GERANIOL	106-24-1	<= 2,4500
HEXYL CINNAMIC ALDEHYDE (Hexyl Cinnamal)	101-86-0	0



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HYDROXYCITRONELLAL	107-75-5	0
HYDROXYMETHYL PENTYL CYCLOHEXENE CARBOXALDEHYDE (Lyrall)	31906-04-4	0
ISO EUGENOL	97-54-1	0
LIMONENE	5989-27-5	<= 0,2606
LINALOOL	78-70-6	<= 2,2886
METHYL HEPTINE CARBONATE	111-12-6	0
OAK MOSS EXTRACT (Evernia Prunastri)	90028-68-5	0
TREE MOSS EXTRACT (Evernia Furfuracea)	90028-67-4	0

**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.