



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

Date 9/15/2015  
Version 3.0

**JASMINE ABSOLUTE**

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

Trade name: Jasmine absolute  
Absolute obtained by extraction with ethyl alcohol from the concrete of Jasmine sambac from India, Oleaceae, Jasminum sambac L.

Utilization: aromatic raw material for cosmetic and professional use

Company identification: **Elemental SRL**, Piata Cazarmii no.15, 410188-Oradea, Bihor-Romania,  
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Emergency: RO: numar national pentru cazuri de urgenta: 021 3183606 Institutul de Sanatate Publica Bucuresti. International emergency number: +49 180 2273-112

**2. Hazards Identification**

EC Dir. : Irritating Xi (Irritating), R38 (Irritating to skin).  
CLP/GHS : FL 4, SCI 2, EDI 2A, EH A3  
SGH08, SGH07, H304(May be fatal if swallowed and enters airways), H402(Harmful to aquatic life), H227(Combustible liquid), P262(Do not get in eyes, on skin, or on clothing), P280(Wear protective gloves/protective clothing/eye protection/face protection), P273(Avoid release to the environment), H315(Causes skin irritation), H319(Causes serious eye irritation).

Signal word: Danger



**3. Composition / Information on ingredients**

Substance: CNS, Complex natural substance, pure and natural  
INCI-name: jasminum sambac flower extract  
CAS-number: 91770-14-8 EINECS-number: 294-797-4  
Main constituents: alpha-farnesene, benzyl acetate, linalool  
Hazardous components naturally present:  
Benzyl acetate N°CAS : 140-11-4 N°CE : 205-399-7 <= 15.0%  
NC H227-303-316-401 FL 4, ATO 5(2490), SCI 3, EH A2  
Linalool N°CAS : 78-70-6 N°CE : 201-134-4 <= 12.0%  
Xi R38 SGH07 H227-303-315-319-402 ATO 5 (2780), SCI 2, EH A3, EDI 2A, FL 4  
Phytol N°CAS : 150-86-7 N°CE : 205-776-6 <0.05%  
Xi R38 SGH07, SGH09 H315-400-410 SCI 2, EH A1,C1  
Isophytol N°CAS : 505-32-8 N°CE : 208-008-8 <0.05%  
Xi,N R38-50/53 SGH07, SGH08 H315-400-410 SCI 2, EH A1,C1

**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 recovery position and call a physician immediately. Ensure good air circulation.

First aid after Skin contact: 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



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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	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 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

Exposure limit values:	No specific exposure limits for this product.
Respiratory protection:	Avoid to breath directly on the product. Ensure a good ventilation of the workroom.

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Hand protection:	The wearing of chemical solvent and acid resistant gloves is necessary.
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:	Wear personal safety equipment.

**9. Physical and Chemical Properties**

Appearance:	liquid at room temperature
Colour:	ambered brown to reddish brown
Odour:	typical
Flash point:	+90°C (closed cup)
Specific gravity at 20°C:	0.930 to 0.980
Refractive index at 20°C:	1.490 to 1.530
Optical rotation at 20°C:	not applicable
Solubility(ies):	insoluble in water; soluble in 10 parts of 90% ethyl alcohol (V/V), miscible in oils
Explosive properties:	no risk at room temperature
Combustion properties:	does not contain substances known as susceptible to spontaneous combustion

**10. Stability and Reactivity**

Stability:	No significant modifications, respecting the storage conditions (see section 7).
Reactivity:	This product is stable at room temperature. Temperatures above room temperature will allow the transfer from liquid to vapour phase and the formation of explosive atmosphere. Storing the product in open containers will benefit the formation of peroxides and derogate the quality.
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**

Effect by absorption:	no relevant data available
Effect by dermal contact:	no relevant data available
CMR naturally present:	methyl eugenol < 0.1% (CAR 2/ MUT 2)
IFRA restrictions:	Jasmine sambac absolute is regulated by IFRA for all categories excepted category 11 (all non-skin contact products). See IFRA standards for restrictions by categories.
Residual solvents:	ethanol < 3 %

**12. Ecological Information**

Prevent contamination of soil, ground and surfacewater.	Biodegradability not determined.
Mobility:	No data available.
Persistence et degradability:	No data available.
Bio-accumulative potential:	No relevant data available.
PBT evaluation results:	No data available.

**13. Disposal Considerations**

Dispose of or recycle waste material in accordance with local and EC environmental regulations.

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Air emission : avoid. Wastewater disposal : avoid. Release into natural environment: avoid. Waste destruction: Appropriate incineration station. Do not use the empty containers. Get rid of the duster and sponges used by incineration.

**14. Transport Information**

UN no: Not classified as dangerous in the meaning of transport regulations.  
 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: not available data  
 Chemical safety assessment: not available data

**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	<=12,0
BENZYL BENZOATE	120-51-4	<=2,0
BENZYL CINNAMATE	103-41-3	0
BENZYL SALICYLATE	118-58-1	<=2,0
CINNAMAL (Cinnamic Aldehyde)	104-55-2	0
CINNAMYL ALCOHOL	104-51-6	0
CITRAL	5392-40-5	0
CITRONELLOL	106-22-9	0
COUMARIN	91-64-5	0
EUGENOL	97-53-0	0
FARNESOL	4602-84-0	<=3,0
GERANIOL	106-24-1	0
HEXYL CINNAMIC ALDEHYDE (Hexyl Cinnamal)	101-86-0	0
HYDROXYCITRONELLAL	107-75-5	0
HYDROXYMETHYL PENTYL CYCLOHEXENE CARBOXALDEHYDE (Lyral)	31906-04-4	0
ISO EUGENOL	97-54-1	0
LIMONENE	5989-27-5	0
LINALOOL	78-70-6	<= 12,0
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



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**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.