1. PRODUCT AND COMPANY IDENTIFICATION

PRODUCT NAME: Jasmine Absolute Natural
REACH REGISTRATION NUMBER:
TYPE OF PRODUCT: Absolute
CHEMICAL NAME: Jasminum sambac Aiton
CAS NUMBER: 91770-14-8
EINECS NUMBER: 294-797-4
CAS EINECS:
FEMA NUMBER:
INCI NAME: JASMINUM SAMBAC FLOWER EXTRACT
IDENTIFICATION OF USAGE: Industrial
SUPPLIER: BONTOUX, Inc.
21 Progress
08820 Edison, New Jersey
United States of America
Ph: 908-755-4800
Fax: 908-755-4844
24 hours emergency telephone number (CHEMTREC): 800-424-9300

2. HAZARDS IDENTIFICATIONS

CLASSIFICATION ACCORDING TO GHS REGULATION:
Physical hazard: FL 4
Health Hazards: SCI 2, SS 1
Environmental Hazards: EH-A 1, EH-C 2

WORDS OF WARNING:

PARTICULAR RISKS:
H227 Combustible liquid.
H315 Causes skin irritation.
H317 May cause an allergic skin reaction.
H400 Very toxic to aquatic life.
H411 Toxic to aquatic life with long lasting effects.
PRECAUTIONARY STATEMENT
PREVENTION:
P210 Keep away from heat, sparks, open flames or hot surfaces. – No smoking.
P261 Avoid breathing dust, fume, gas, mist, vapours, spray.
P264 Wash parts in contact 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.

PRECAUTIONARY STATEMENT
RESPONSE:
P302+P352 IF ON SKIN: Wash with plenty of soap and water.
P321 Specific treatment.
P332+P313 If skin irritation occurs: Get medical advice.
P333+P313 If skin irritation or rash occurs: Get medical advice.
P362 Take off contaminated clothing and wash before reuse.
P363 Wash contaminated clothing before reuse.
P364 Wear protective gloves, protective clothing, eye protection, face protection.
P370+P378 In case of fire: Use CO2 foam, dry chemical for extinction.
P391 Collect spillage.

PRECAUTIONARY STATEMENT
STORAGE:
P403+P235 Store in well-ventilated place. Keep cool.

OTHERS:
Not available.

LIMITS OF EXPOSURE:
Not available.

3. COMPOSITION INFORMATION

<table>
<thead>
<tr>
<th>INGREDIENT CONTRIBUTING TO THE HAZARD</th>
<th>CONTENT</th>
</tr>
</thead>
<tbody>
<tr>
<td>Phyto1 (CAS: 150-86-7)</td>
<td>~ 20 %</td>
</tr>
<tr>
<td>1999/45/CE: N;Xi;R38;R50/53;S61</td>
<td></td>
</tr>
<tr>
<td>GHS: EH-A 1, EH-C 1, SCI 2</td>
<td></td>
</tr>
<tr>
<td>Benzy1 acetate (CAS: 140-11-4)</td>
<td>~ 20 %</td>
</tr>
<tr>
<td>1999/45/CE: -</td>
<td></td>
</tr>
<tr>
<td>GHS: ATO 5 (2,490), EH-A 2, FL 4, SCI 3</td>
<td></td>
</tr>
<tr>
<td>Benzy1 benzoate (CAS: 120-51-4)</td>
<td>~ 15 %</td>
</tr>
<tr>
<td>1999/45/CE: N;Xi;R22;R51/53;S25;S46;S61</td>
<td></td>
</tr>
<tr>
<td>GHS: ATD 5 (40,000), ATO 4 (1,500), EH-A 1, EH-C 2</td>
<td></td>
</tr>
<tr>
<td>Isophyto1 (CAS: 505-32-8)</td>
<td>~ 10 %</td>
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<td>1999/45/CE: N;Xi;R38;R50/53;S61</td>
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</tr>
<tr>
<td>GHS: EH-A 1, EH-C 1, SCI 2</td>
<td></td>
</tr>
<tr>
<td>Linalol (CAS: 78-70-6)</td>
<td>~ 3 %</td>
</tr>
<tr>
<td>1999/45/CE: X;R36;R43;S24;S37</td>
<td></td>
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<tr>
<td>GHS: ATO 5 (2,790), EDI 2A, EH-A 3, FL 4, SCI 2</td>
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<tr>
<td>Eugenol (CAS: 97-53-0)</td>
<td>~ 2 %</td>
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<td>1999/45/CE: X;R36;R43;S24;S37</td>
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<tr>
<td>GHS: ATO 5 (2,300), EDI 2A, EH-A 2, SCI 3, SS 1</td>
<td></td>
</tr>
</tbody>
</table>
Jasmine Absolute Natural

4. FIRST-AID MEASURES

INGESTION: Do not try to vomit. Rinse mouth. Consult a doctor.
EYE CONTACT: Wash immediately and abundantly the eyes with a good running water at low pressure. Consult an ophthalmologist.
SKIN CONTACT: Sprinkle abundantly with water during at least 15 minutes.
INHALATION: Remove victim to fresh air.

5. FIRE FIGHTING

EXTINGUISHING MEDIA: SUITABLE: CO2 foam, dry chemical.
NON SUITABLE: Water.

SPECIFIC METHODS OF FIRE FIGHTING: None.

SPECIAL EQUIPMENT FOR THE PROTECTION OF FIRE FIGHTERS: No.

6. ACCIDENTAL RELEASE MEASURES

PERSONAL PRECAUTIONS: Avoid all contact with eyes and mucous.
ENVIRONNEMENTAL PRECAUTIONS: Don't throw it in sewer nor in natural environment.
METHODS FOR CLEANING-UP: Recover in a tight container.
Wash with plenty of water after complete elimination of the product.

7. HANDLING AND SORAGE

HANDLING: Avoid contact with eyes and mucous.
STORAGE: Keep away from humidity in a fresh place. Keep container closed after using.
OTHER: See Section 8.

8. EXPOSURE CONTROLS / PERSONAL PROTECTION

RESPIRATORY PROTECTION: Assure a good ventilation of work place.
HAND PROTECTION: Plastic or synthetic rubber impermeable gloves.
EYE PROTECTION: Goggles giving complete protection to eyes. Eyewash bottle with clean water.
SKIN AND BODY PROTECTION: Clothes for chemical protection to avoid contact.
INGESTION: Do not eat, drink and smoke while using.
INDUSTRIAL HYGIENE: Provide an extraction or global ventilation of the work place to reduce concentrations of the steams.
### 9. PHYSICAL AND CHEMICAL PROPERTIES

<table>
<thead>
<tr>
<th>Property</th>
<th>Value</th>
</tr>
</thead>
<tbody>
<tr>
<td>Form</td>
<td>Viscous liquid</td>
</tr>
<tr>
<td>Color</td>
<td>Orange to reddish brown</td>
</tr>
<tr>
<td>Odor</td>
<td>Intensively floral, warm, highly diffusive</td>
</tr>
<tr>
<td>Odor threshold</td>
<td>Data not found</td>
</tr>
<tr>
<td>pH</td>
<td>Data not found</td>
</tr>
<tr>
<td>Melting point</td>
<td>Data not found</td>
</tr>
<tr>
<td>Boiling point</td>
<td>Data not found</td>
</tr>
<tr>
<td>Flashpoint (closed cup)</td>
<td>&gt; 100 °C / &gt; 212 °F</td>
</tr>
<tr>
<td>Evaporation rate</td>
<td>Data not found</td>
</tr>
<tr>
<td>Flammability</td>
<td>Data not found</td>
</tr>
<tr>
<td>Explosive limits</td>
<td>Data not found</td>
</tr>
<tr>
<td>Vapor pressure</td>
<td>Data not found</td>
</tr>
<tr>
<td>Vapor density</td>
<td>Data not found</td>
</tr>
<tr>
<td>Specific gravity</td>
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<tr>
<td>Solubility in water</td>
<td>Insoluble</td>
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<tr>
<td>Log K (n-octanol/water)</td>
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<tr>
<td>Autoignition temp</td>
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<tr>
<td>Decomposition temp</td>
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<tr>
<td>Viscosity</td>
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<tr>
<td>Explosive proprieties</td>
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</tr>
<tr>
<td>Oxidizing proprieties</td>
<td>Data not found</td>
</tr>
<tr>
<td>Other data</td>
<td>Data not found</td>
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</table>

### 10. STABILITY AND REACTIVITY

<table>
<thead>
<tr>
<th>Property</th>
<th>Value</th>
</tr>
</thead>
<tbody>
<tr>
<td>Reactivity</td>
<td>No data available.</td>
</tr>
<tr>
<td>Chemical stability</td>
<td>No data available.</td>
</tr>
<tr>
<td>Possibility of hazardous reaction</td>
<td>None in normal conditions.</td>
</tr>
<tr>
<td>Conditions to avoid</td>
<td>Excessive heat.</td>
</tr>
<tr>
<td>Incompatible materials</td>
<td>Strongly oxidising and reducing agents.</td>
</tr>
<tr>
<td>Hazardous decomposition products</td>
<td>None in normal conditions.</td>
</tr>
<tr>
<td>Others</td>
<td>None.</td>
</tr>
</tbody>
</table>

### 11. TOXICOLOGICAL INFORMATION

<table>
<thead>
<tr>
<th>Property</th>
<th>Value</th>
</tr>
</thead>
<tbody>
<tr>
<td>Ingestion</td>
<td>Can be noxious.</td>
</tr>
<tr>
<td>Skin contact</td>
<td>Can induce irritations.</td>
</tr>
</tbody>
</table>
Jasmine Absolute Natural

12. ECOLOGICAL INFORMATION

TOXICITY: See Section 2
PERSISTENCE / DEGRADABILITY: No information available.
BIOACCUMULATION POTENTIAL: No information available.
RESULTS OF PBT AND vPvB ASSESSMENT: No information available.
MOBILITY IN SOIL: No information available.
WGK: 2
OTHER ADVERSE EFFECTS: Not known.

13. DISPOSAL CONSIDERATION

To comply with the regulations and prefectoral orders in use.
Throwing out forbidden. Packaging must be well emptied.

14. TRANSPORT INFORMATION MEASURES

RID / ADR
CLASS: 9
SUBSIDIARY RISK:
UN NUMBER: UN 3082
PACKING GROUP: III
TUNNEL CODE: (E)

IMCO / IMDG
CLASS: 9
SUBSIDIARY RISK:
UN NUMBER: UN 3082
PACKING GROUP: III
EmFS: F-A, S-F

OACI / IATA
CLASS: 9
SUBSIDIARY RISK:
UN NUMBER: UN 3082
PACKING GROUP: III
Jasmine Absolute Natural

TRAVELLER AIRPLANE PACKING INSTRUCTION : 964
TRAVELLER AIRPLANE MAXIMUM QUANTITY : 450 L
CARGO AIRPLANE PACKING INSTRUCTION : 964
CARGO AIRPLANE MAXIMUM QUANTITY : 450 L

Labelling according to RID / ADR, IMCO / IMDG, OACI / IATA

SHIPPING NAME : UN 3082 ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S (YLANG)

15. REGULATORY INFORMATION

LABELLING ACCORDING TO GHS REGULATION :
Physical hazard : FL 4
Health Hazards : SCI 2,SS 1
Environmental Hazards : EH-A 1,EH-C 2

WORDS OF WARNING:

PARTICULAR RISKS :

PRECAUTIONARY STATEMENT
PREVENTION : P273 Avoid release to the environment.
P280 Wear protective gloves, protective clothing, eye protection, face protection.
PRECAUTIONARY STATEMENT
RESPONSE : P302+P352 IF ON SKIN : Wash with plenty of soap and water.
P362 Take off contaminated clothing and wash before reuse.
P391 Collect spillage.
PRECAUTIONARY STATEMENT
DISPOSAL : P501 Dispose of contents and/or container in accordance with local, regional, national and/or international regulation.
PARTICULAR MENTION: Not available.

OTHERS: Not available.

LIMITS OF EXPOSURE: Not available.

OTHER CLASSIFICATIONS:

DOT CLASSIFICATION: -

NFPA CLASSIFICATION: 1 2 0

NIOSH: Not available

THRESHOLD LIMIT VALUE - TLV: Not available

OSHA PERMISSIBLE EXPOSURE LIMIT - PEL: Not available

IAS THE SUBSTANCE BEEN LISTED AS CARCINOGEN: Not available

SARA 313: Not available

16. OTHER INFORMATION

OTHER INVENTORIES

<table>
<thead>
<tr>
<th>Country</th>
<th>Nom inventaire</th>
<th>Datas</th>
<th>Number</th>
</tr>
</thead>
<tbody>
<tr>
<td>AUSTRALIA</td>
<td>AICS</td>
<td>Listé</td>
<td></td>
</tr>
<tr>
<td>TAIWAN</td>
<td>ECN</td>
<td>Listé</td>
<td></td>
</tr>
<tr>
<td>JAPAN</td>
<td>ENCS</td>
<td>Listé</td>
<td></td>
</tr>
<tr>
<td>USA</td>
<td>FDA</td>
<td>Non listé</td>
<td>182.20</td>
</tr>
<tr>
<td>JAPAN</td>
<td>ISHL</td>
<td>Listé</td>
<td>18233</td>
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</tbody>
</table>

The content and format of this safety data sheet are in accordance with EC Regulation No. 1907/2006 of the European Parliament and Council.

Respect safety measures usually applied during the production of perfumery products. This data sheet completes the technical use notice, but doesn't replace it. These information are based on our actual knowledge for the above mentioned product at the edition date of this data sheet. They are given in good faith. In any case user is not exempted to know and apply all texts which regulate this activity. He will take under his own responsibility the precautions for the utilisation of product he knows. Users should be aware of the other purposes than those for which it is concerned.