

CHEMICAL SAFETY DATA SHEET  
according to 1907/2006/EC Article 31, as amended by N°  
453/2010

1711903

Reviewed on: 19/12/19  
Printing date: 19/12/2019

### SECTION 01: Identification of the substance/mixture and of the company/undertaking

#### 1.1 Product identifier

- Trade name:  
JASMINE SAMBAC ABSOLUTE
- Article number:  
F1551
- CAS Number:  
1034798-23-6
- EC Number:  
294-797-4
- No CAS EINECS:  
91770-14-8

#### 1.2 Relevant identified uses of the substance or mixture and uses advised against

Application of the substance / the preparation

Perfume ingredient

Only for industrial use

#### 1.3 Details of the supplier of the safety data sheet

Manufacturer/Supplier:

BIOLANDES, BP2                      TEL: +33(0)5.58.51.00.00  
2760 Route de Bélis                email: fds@biolandes.com  
40420 LE SEN  
FRANCE

#### 1.4 Emergency telephone number:

FR-ORFILA (INRS):+33(0)1 45 42 59 59

### SECTION 02: Hazards identification

#### 2.1 Classification of the substance or mixture

- Classification according to Regulation (EC) No 1272/2008



GHS05

Eye Dam. 1 - H318 Causes serious eye damage.



GHS08

Asp. Tox. 1 - H304 May be fatal if swallowed and enters airways.



GHS07

Acute Tox. 4 - H332 Harmful if inhaled.  
Skin Sens. 1B - H317 May cause an allergic skin reaction.

Aquatic Chronic 3 - H412 Harmful to aquatic life with long lasting effects.

#### 2.2 Label elements

- Labelling according to Regulation (EC) No 1272/2008
- Hazard pictograms



GHS05

GHS08

GHS07

- Signal word  
Danger

- Hazard statements

H318 Causes serious eye damage.

H304 May be fatal if swallowed and enters airways.

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- H332 Harmful if inhaled.  
H317 May cause an allergic skin reaction.  
H412 Harmful to aquatic life with long lasting effects.
- Precautionary statements  
P261 Avoid breathing dust/fume/gas/mist/vapours/spray.  
P271 Use only outdoors or in a well-ventilated area.  
P272 Contaminated work clothing should not be allowed out of the workplace.  
P301+P310 IF SWALLOWED: Immediately call a POISON CENTER/ doctor.  
P405 Store locked up.  
P501 Dispose of contents/container in accordance with local/regional/ national/international regulations.
- 2.3 Other hazards
- Results of PBT and vPvB assessment
  - PBT:  
Not applicable.
  - vPvB:  
Not applicable.

**SECTION 03: Composition/information on ingredients**

3.1 Chemical characterization: Substances

- | CAS No.      | Description                |
|--------------|----------------------------|
| 1034798-23-6 | Jasminum sambac (L.) Aiton |
- Identification number(s)
  - EC number:  
294-797-4

• Dangerous components:

*	CAS Number		%
	<b>140-11-4</b>	<b>benzyl acetate</b> EC number: 205-399-7 Aquatic Chronic 3 - H412	<b>10,001-20,00</b>
	<b>150-86-7</b>	<b>Phytol</b> EC number: 205-776-6 ⚠ Skin Irrit. 2 - H315; ⚠ Aquatic Acute 1 - H400, Aquatic Chronic 1 - H410	<b>5,001-10,00</b>
	<b>100-51-6</b>	<b>Benzyl alcohol</b> EC number: 202-859-9 ⚠ Acute Tox. 4 - H302, Eye Irrit. 2 - H319	<b>5,001-10,00</b>
	<b>78-70-6</b>	<b>Linalool</b> EC number: 201-134-4 ⚠ Skin Irrit. 2 - H315, Eye Irrit. 2 - H319, Skin Sens. 1B - H317	<b>5,001-10,00</b>
	<b>505-32-8</b>	<b>Isophytol</b> EC number: 208-008-8 ⚠ Skin Irrit. 2 - H315; ⚠ Aquatic Acute 1 - H400, Aquatic Chronic 1 - H410	<b>5,001-10,00</b>
	<b>140-29-4</b>	<b>Benzyl nitrile</b> EC number: 205-410-5 ⚠ Acute Tox. 3 - H301, Acute Tox. 3 - H311, Acute Tox. 1 - H330	<b>1,001- 5,00</b>
	<b>120-51-4</b>	<b>Benzyl benzoate</b> EC number: 204-402-9	<b>0,101-1,00</b>

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*	<div style="display: flex; justify-content: space-between;"> <span>⚠ Acute Tox. 4 - H302; ⚠ Aquatic</span> </div> Acute 1 - H400, Aquatic Chronic 2 - H411 <div style="display: flex; justify-content: space-between;"> <span><b>119-36-8</b></span> <span><b>methyl salicylate</b></span> <span><b>0,101-1,00</b></span> </div> EC number: 204-317-7
*	<div style="display: flex; justify-content: space-between;"> <span>⚠ Acute Tox. 4 - H302, Skin Sens. 1B -</span> </div> H317; Aquatic Chronic 3 - H412 <div style="display: flex; justify-content: space-between;"> <span><b>104-54-1</b></span> <span><b>Cinnamyl alcohol</b></span> <span><b>0,101-1,00</b></span> </div> EC number: 203-212-3
*	<div style="display: flex; justify-content: space-between;"> <span>⚠ Skin Sens. 1B - H317</span> </div> Farnesol <div style="display: flex; justify-content: space-between;"> <span><b>4602-84-0</b></span> <span><b>Farnesol</b></span> <span><b>0,101-1,00</b></span> </div> EC number: 225-004-1
*	<div style="display: flex; justify-content: space-between;"> <span>⚠ Skin Irrit. 2 - H315, Eye Irrit. 2 -</span> </div> H319, Skin Sens. 1B - H317

#### SECTION 04: First aid measures

##### 4.1 Description of first aid measures

- General information:  
Symptoms of poisoning may even occur after several hours; therefore medical observation for at least 48 hours after the accident.  
Seek immediate medical advice.
- After inhalation:  
Supply fresh air and to be sure call for a doctor.
- After skin contact:  
If skin irritation continues, consult a doctor.  
Immediately wash with water and soap and rinse thoroughly.
- 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:

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.

#### SECTION 05: Firefighting measures

##### 5.1 Extinguishing media

- Suitable extinguishing agents:  
CO<sub>2</sub>, sand, extinguishing powder. Do not use water.  
Use fire extinguishing methods suitable to surrounding conditions.
- For safety reasons unsuitable extinguishing agents:  
Water with full jet

5.2 Special hazards arising from the substance or mixture  
Formation of toxic gases is possible during heating or in case of fire.

##### 5.3 Advice for firefighters

- Protective equipment:  
Mount respiratory protective device.  
Do not inhale explosion gases or combustion gases.
- Additional information  
Cool endangered receptacles with water spray.

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**SECTION 06: Accidental release measures**
**6.1 Personal precautions, protective equipment and emergency procedures**

Wear protective equipment. Keep unprotected persons away.

Ensure adequate ventilation

Keep away from ignition sources.

**6.2 Environmental precautions:**

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

Inform respective authorities in case of seepage into water course or sewage system.

**6.3 Methods and material for containment and cleaning up:**

Dispose contaminated material as waste according to item 13.

Ensure adequate ventilation.

**6.4 Reference to other sections**

See Section 7 for information on safe handling.

See Section 8 for information on personal protection equipment.

See Section 13 for disposal information.

**SECTION 07: Handling and storage**
**• Handling:**
**7.1 Precautions for safe handling**

Keep receptacles tightly sealed.

Keep away from heat and direct sunlight.

Ensure good ventilation/exhaustion at the workplace.

Handle with care. Avoid jolting, friction and impact.

**• Information about fire - and explosion protection:**

Keep ignition sources away - Do not smoke.

Protect against electrostatic charges.

**7.2 Conditions for safe storage, including any incompatibilities**
**• Storage:**
**• Requirements to be met by storerooms and receptacles:**

Store only in the original receptacle.

Prevent any seepage into the ground.

Use only receptacles specifically permitted for this substance/ product.

**• Further information about storage conditions:**

Keep container tightly sealed.

Protect from heat and direct sunlight.

Store receptacle in a well ventilated area.

**7.3 Specific end use(s)**

No further relevant information available.

**SECTION 08: Exposure controls/personal protection**
**8.1 Control parameters**
**• Ingredients with limit values that require monitoring at the workplace:**

Not required.

CAS No.	Designation of material	%	Type	Value	Unit
Not required.					

Not required.

**• Additional information:**

The lists valid during the making were used as basis.

**8.2 Exposure controls**
**• Personal protective equipment:**
**• General protective and hygienic measures:**

The usual precautionary measures are to be adhered to when handling chemicals.

Keep away from foodstuffs, beverages and feed.

Wash hands before breaks and at the end of work.

Avoid contact with the skin.

Avoid contact with the eyes.

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- Respiratory protection: In case of brief exposure or low pollution use respiratory filter device. In case of intensive or longer exposure use self-contained respiratory protective device. Use suitable respiratory protective device in case of insufficient ventilation.
- Protection of hands: Protective gloves The glove material has to be impermeable and resistant to the product/ the substance/ the preparation. Due to missing tests no recommendation to the glove material can be given for the product/ the preparation/ the chemical mixture. Selection of the glove material on consideration of the penetration times, rates of diffusion and the degradation
- 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.
- Penetration time of glove material  
The exact break through time has to be found out by the manufacturer of the protective gloves and has to be observed.
- Eye protection: Safety glasses

**SECTION 09: Physical and chemical properties**

**9.1 Information on basic physical and chemical properties**

**General Information**

**Appearance:**

<b>Form:</b>	fluid
<b>Colour:</b>	red-brown
<b>Odour:</b>	jasmin
<b>Odour threshold:</b>	Not determined.

**Change in condition**

<b>Initial boiling point and boiling range:</b>	Not determined.
<b>Flash point:</b>	74,0 °C    NFT 60-103 CC
<b>Flammability (solid, gas):</b>	Not determined.
<b>Auto-ignition temperature:</b>	Not determined.
<b>Explosive properties:</b>	Not determined.
<b>Vapour pressure:</b>	Not determined.
<b>Density:</b>	Not determined.
<b>Relative density :</b>	0,9500 0,9800 (D20/20)

**Solubility in / Miscibility with**

<b>water:</b>	Not determined.
<b>Partition coefficient: n-octanol/water:</b>	Not determined.

**9.2 Other information**

No further relevant information available.

**SECTION 10: Stability and reactivity**

**10.1 Reactivity**

No further relevant information available.

**10.2 Chemical stability**

Thermal decomposition / conditions to be avoided:  
Not determined.

**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.

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 10.6 Hazardous decomposition products:  
Not determined.

**SECTION 11: Toxicological information**

## 11.1 Information on toxicological effects

- Acute toxicity
- LD/LC50 values relevant for classification:

**ISO LD/LC**
**140-11-4 benzyl acetate**

 Oral, LD50: 2490 mg/kg (rat) (INRS 2011)  
Dermal, LD50: >5000 mg/kg (Rabbit) (INRS 2011)

\*

**150-86-7 Phytol**

 Oral, LD50: >5000 mg/kg (rat) (RIFM 1977)  
Dermal, LD50: > 5000 mg/kg (Rabbit) (RIFM 1977)

\*

\*

\*

**100-51-6 Benzyl alcohol**

 Oral, LD50: 1230 mg/kg (rat)  
Dermal, LD50: 2000 mg/kg (Rabbit)  
Inhalative, LC50/4h: >12 mg/l (rat) (CIR assessment 2017)

\*

\*

\*

**78-70-6 Linalool**

 Oral, LD50: 2790 mg/kg (rat)  
Dermal, LD50: 5610 mg/kg (Rabbit)

**505-32-8 Isophytol**

 Oral, LD50: >5000 mg/kg (rat)  
Dermal, LD50: >5000 mg/kg (Rabbit)

**140-29-4 Benzylnitrile**

 Oral, LD50: 270 mg/kg (rat)  
Dermal, LD50: 270 mg/kg (Rabbit)  
Inhalative, LC50/4h: 0,43 mg/l (rat)

**120-51-4 Benzyl benzoate**

 Oral, LD50: 1700 mg/kg (rat)  
Oral, LD50: 3450 mg/kg (mouse) (Bier, 1979)  
Dermal, LD50: 4000 mg/kg (Rabbit)

\*

**119-36-8 methyl salicylate**

Oral, LD50: 887 mg/kg (rat)

\*

**104-54-1 Cinnamyl alcohol**

 Oral, LD50: 2000 mg/kg (rat)  
Dermal, LD50: >5000 mg/kg (Rabbit)

\*

\*

**4602-84-0 Farnesol**

 Oral, LD50: 20000 mg/kg (rat)  
Dermal, LD50: 15000 mg/kg (rat)

\*

\*

- Primary irritant effect:
- Skin corrosion/irritation  
No irritant effect.
- Serious eye damage/irritation

**100-51-6 Benzyl alcohol**

Irritation of eyes, OECD 405 DRAIZE: IRRITANT (Rabbit) (CIR assessment 2017)

Strong irritant with the danger of severe eye injury.

- Respiratory or skin sensitisation

**100-51-6 Benzyl alcohol**

Sensitisation, NESIL: 5900 ug/cm2 (human being) (IFRA STANDARD)

**120-51-4 Benzyl benzoate**

 Sensitisation, NESIL: 59000 ug/cm2 (human being) (Standard IFRA)  
Sensitization possible through skin contact.

- Subacute to chronic toxicity:

**140-11-4 benzyl acetate**

Oral, NOAEL: 14,5 mg/kg (rat) (2 years, NTP 1993)

**100-51-6 Benzyl alcohol**

Oral, NOAEL: &gt; 400 mg/kg (rat) (CIR assessment 2017)

**78-70-6 Linalool**

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- Oral, NOAEL: 200 mg/kg (rat) (maternal toxicity, Politano and al., 2008)
- Germ cell mutagenicity
- 140-11-4 benzyl acetate**
- \* OECD 471 AMES: NEGATIVE (in vitro) (Tennant and al., 1987)
- 150-86-7 Phytol**
- \* OECD 471 AMES: NEGATIVE (in vitro) (Choi and al., 1993)
- 100-51-6 Benzyl alcohol**
- \* OECD 471 AMES: NEGATIVE (in vitro) (Leifer and al., 1981)
  - \* OECD 476 MLA TK: NOT CLASSIFIED (in vitro) (CHO ; Anderson and al., 1990)
- 78-70-6 Linalool**
- \* OECD 471 AMES: NEGATIVE (in vitro) (Letizia and al., 2007)
- 120-51-4 Benzyl benzoate**
- \* OECD 471 AMES: NEGATIVE (in vitro) (Schunk and al., 1986)
  - Carcinogenicity
- 78-70-6 Linalool**
- Micronoyau: NEGATIVE (mouse) (in vivo, Letizia and al., 2007)
  - Micronoyau: NEGATIVE (in vitro) (DiSotto and al., 2011)
  - Reproductive toxicity
  - Not determined.
  - STOT-single exposure
  - Not determined.
  - STOT-repeated exposure
  - Not determined.
  - \* • Aspiration hazard
  - \* May be fatal if swallowed and enters airways.

**SECTION 12: Ecological information**
**12.1 Toxicity**

- Aquatic toxicity:

**140-11-4 benzyl acetate**

ErC50(0-72h): 92 mg/l (algae) (RIFM 2017)  
ErC50(0-48h): 37 mg/l (daphnia) (RIFM 2011)  
96h-LC50: 4,6 mg/l (fish) (RIFM 1994)

**78-70-6 Linalool**

LD50: 27,8 mg/l (fish) ((OECD 203) RIFM 1991)  
ErC50(0-72h): 156,7 mg/l (algae)  
ErC50(0-48h): 59 mg/l (daphnia) ((OECD 202)

**12.2 Persistence and degradability**

No further relevant information available.

- Behaviour in environmental systems:
- Not determined.

**12.3 Bioaccumulative potential**

No further relevant information available.

**12.4 Mobility in soil**

No further relevant information available.

- Ecotoxicological effects:
- Not determined.
- Additional ecological information:
- General notes:
- Harmful to aquatic organisms
- The material is harmful to the environment.

**12.5 Results of PBT and vPvB assessment**

- PBT:
- Not applicable.
- vPvB:
- Not applicable.

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12.6 Other adverse effects  
No further relevant information available.

### SECTION 13: Disposal considerations

13.1 Waste treatment methods

- Recommendation  
Must be specially treated adhering to official regulations.
- Uncleaned packaging:
- Recommendation:  
Disposal must be made according to official regulations.

### SECTION 14: Transport information

14.1 UN-Number

**ADR** Void

**IMDG** Void

**IATA** Void

14.2 UN proper shipping name

**ADR** Void

**IMDG** Void

**IATA** Void

14.3 Transport hazard class(es)

**ADR**

**Class** Void

**IMDG**

**Class** Void

**IATA**

**Class** Void

14.4 Packing group

**ADR** Void

**IMDG** Void

**IATA** Void

14.5 Environmental hazards:

Not applicable.

14.6 Special precautions for user

Not applicable.

14.7 Transport in bulk according to Annex II of MARPOL73/78 and the IBC Code

Not applicable.

- Transport/Additional information:  
Not applicable.

### SECTION 15: Regulatory information

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

- National regulations:
- Waterhazard class:  
Water hazard class 2 (Self-assessment): hazardous for water.

15.2 Chemical safety assessment:

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A Chemical Safety Assessment has not been carried out.

### SECTION 16: Other information

The information in this safety data sheet is based on the state of our knowledge at the date indicated. The information in this sheet must be regarded as a description of the safety requirements for the product, they are not to be considered a warranty or quality specification and have no contractual value on properties and application areas thereof. The information contained in this safety data sheet relate to the specific material designated and may not be valid with respect to the product associated with another product or process, unless it is specified in the text of this document.

The required information complies with EU regulations in force. It does not exempt the user from knowing and applying all the national regulations in force.

- **Relevant phrases**

H301	Toxic if swallowed.
H302	Harmful if swallowed.
H311	Toxic in contact with skin.
H315	Causes skin irritation.
H317	May cause an allergic skin reaction.
H319	Causes serious eye irritation.
H330	Fatal if inhaled.
H400	Very toxic to aquatic life.
H410	Very toxic to aquatic life with long lasting effects.
H411	Toxic to aquatic life with long lasting effects.
H412	Harmful to aquatic life with long lasting effects.

- **Training hints**

Minimum training in occupational risk prevention is recommended for personnel who will handle this product, in the purpose of facilitating the understanding and interpretation of this form of safety data in the same way as the labeling of the product.

- **Abbreviations and acronyms:**

IFRA: International Fragrance Association IOFI: International Organization of the Flavor Industry  
 ADR: Accord européen sur le transport des marchandises dangereuses par Route (European Agreement concerning the International Carriage of Dangerous Goods by Road)  
 RID: Règlement international concernant le transport des marchandises dangereuses par chemin de fer (Regulations Concerning the International Transport of Dangerous Goods by Rail)  
 IMDG: International Maritime Code for Dangerous Goods  
 DOT: US Department of Transportation  
 IATA: International Air Transport Association  
 ICAO: International Civil Aviation Organisation  
 GHS: Globally Harmonised System of Classification and Labelling of Chemicals  
 EINECS: European Inventory of Existing Commercial Chemical Substances  
 ELINCS: European List of Notified Chemical Substances  
 CAS: Chemical Abstracts Service (division of the American Chemical Society)  
 LC50: Lethal concentration, 50 percent  
 LD50: Lethal dose, 50 percent  
 PBT: Persistent, Bioaccumulative and Toxic  
 vPvB: very Persistent and very Bioaccumulative

- **Sources**

IFRA/IOFI Labelling Manual, REACH registration dossier, supplier information

- \* Data compared to the previous version altered.