



# JASMIN ABSOLUTE

## Safety Data Sheet

according to Regulation (EC) No. 1907/2006 (REACH) with its amendment Regulation (EU) 2015/830

Date of issue:8/22/2014 Revision date:2/16/2017 :

Version: 1.1

### SECTION 1: Identification of the substance/mixture and of the company/undertaking

#### 1.1. Product identifier

Product form : Substance  
Substance name : JASMIN ABSOLUTE  
EC no : 283-993-5  
CAS No : 84776-64-7  
Product code : JASABS01  
Synonyms : No CAS USA : 8022-96-6  
Product group : Absolute

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

##### 1.2.1. Relevant identified uses

Main use category : Industrial use  
Industrial/Professional use spec : Industrial  
For professional use only

##### 1.2.2. Uses advised against

No additional information available

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

EXAFLOR  
5 rue des Pyrénées  
94653 Rungis Cedex - France  
T +33 (0)1 41 73 23 10 - F +33 (0)1 41 73 23 19  
[exaflor@orange.fr](mailto:exaflor@orange.fr) - [www.exaflor.fr](http://www.exaflor.fr)

#### 1.4. Emergency telephone number

Country	Organisation/Company	Address	Emergency number	Comment
	ORFILA (FRANCE)		+33 1 45 42 59 59	

### SECTION 2: Hazards identification

#### 2.1. Classification of the substance or mixture

##### Classification according to Regulation (EC) No. 1272/2008 [CLP]

Skin corrosion/irritation, Category 2 H315  
Sensitisation — Skin, Category 1 H317  
Hazardous to the aquatic environment — Acute Hazard, Category 1 H400  
Hazardous to the aquatic environment — Chronic Hazard, Category 2 H411

Full text of H statements : see section 16

#### 2.2. Label elements

##### Labelling according to Regulation (EC) No. 1272/2008 [CLP]

Hazard pictograms (CLP) :



GHS07

GHS09

Signal word (CLP) :

Warning

Hazard statements (CLP) :

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 statements (CLP) :

P261 - Avoid breathing fume, gas, dust, vapours  
P264 - Wash hands 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  
P302+P352 - IF ON SKIN: Wash with plenty of with water & soap

# JASMIN ABSOLUTE

## Safety Data Sheet

according to Regulation (EC) No. 1907/2006 (REACH) with its amendment Regulation (EU) 2015/830

P333+P313 - If skin irritation or rash occurs: Get medical advice/attention  
P362+P364 - Take off contaminated clothing and wash it before reuse  
P391 - Collect spillage  
P501 - Dispose of contents/container to contents/container to agreed companies according to national regulations

Child-resistant fastening : No  
Tactile warning : No

### 2.3. Other hazards

No additional information available

## SECTION 3: Composition/information on ingredients

### 3.1. Substance

Name : JASMIN ABSOLUTE  
CAS No : 84776-64-7  
EC no : 283-993-5

Name	Product identifier	%
BENZYL ACETATE	(CAS No) 140-11-4 (EC no) 205-399-7	10 - 20
BENZYL BENZOATE	(CAS No) 120-51-4 (EC no) 204-402-9 (EC index no) 607-085-00-9	5 - 10
ISOPHYTOL	(CAS No) 505-32-8 (EC no) 208-008-8	1 - 10
PHYTOL	(CAS No) 150-86-7 (EC no) 205-776-6	5 - 10
LINALOOL	(CAS No) 78-70-6 (EC no) 201-134-4	1 - 4.5
EUGENOL	(CAS No) 97-53-0 (EC no) 202-589-1	1 - 2

Full text of H-statements: see section 16

### 3.2. Mixture

Not applicable

## SECTION 4: First aid measures

### 4.1. Description of first aid measures

First-aid measures general : Never give anything by mouth to an unconscious person. If you feel unwell, seek medical advice (show the label where possible).  
First-aid measures after inhalation : Allow breathing of fresh air. Allow the victim to rest.  
First-aid measures after skin contact : Wash with plenty of soap and water. Wash contaminated clothing before reuse. If skin irritation occurs: Get medical advice/attention. Specific treatment (see ... on this label). If skin irritation or rash occurs:  
First-aid measures after eye contact : Rinse immediately with plenty of water. Obtain medical attention if pain, blinking or redness persist.  
First-aid measures after ingestion : Rinse mouth. Do NOT induce vomiting. Obtain emergency medical attention.

### 4.2. Most important symptoms and effects, both acute and delayed

Symptoms/injuries after inhalation : May cause an allergic skin reaction.  
Symptoms/injuries after skin contact : Causes skin irritation.

### 4.3. Indication of any immediate medical attention and special treatment needed

No additional information available

## SECTION 5: Firefighting measures

### 5.1. Extinguishing media

Suitable extinguishing media : Foam. Dry powder. Carbon dioxide. Water spray. Sand.  
Unsuitable extinguishing media : Do not use a heavy water stream.

### 5.2. Special hazards arising from the substance or mixture

No additional information available

### 5.3. Advice for firefighters

Firefighting instructions : Use water spray or fog for cooling exposed containers. Exercise caution when fighting any chemical fire. Prevent fire-fighting water from entering environment.  
Protection during firefighting : Do not enter fire area without proper protective equipment, including respiratory protection.

# JASMIN ABSOLUTE

## Safety Data Sheet

according to Regulation (EC) No. 1907/2006 (REACH) with its amendment Regulation (EU) 2015/830

### SECTION 6: Accidental release measures

#### 6.1. Personal precautions, protective equipment and emergency procedures

##### 6.1.1. For non-emergency personnel

Emergency procedures : Evacuate unnecessary personnel.

##### 6.1.2. For emergency responders

Protective equipment : Equip cleanup crew with proper protection.

Emergency procedures : Ventilate area.

#### 6.2. Environmental precautions

Prevent entry to sewers and public waters. Notify authorities if liquid enters sewers or public waters. Avoid release to the environment.

#### 6.3. Methods and material for containment and cleaning up

Methods for cleaning up : Soak up spills with inert solids, such as clay or diatomaceous earth as soon as possible. Collect spillage. Store away from other materials.

#### 6.4. Reference to other sections

See Heading 8. Exposure controls and personal protection.

### SECTION 7: Handling and storage

#### 7.1. Precautions for safe handling

Precautions for safe handling : Wash hands and other exposed areas with mild soap and water before eating, drinking or smoking and when leaving work. Provide good ventilation in process area to prevent formation of vapour. Avoid breathing Fumes, vapours.

Hygiene measures : Wash hands thoroughly after handling. Contaminated work clothing should not be allowed out of the workplace. Wash contaminated clothing before reuse.

#### 7.2. Conditions for safe storage, including any incompatibilities

Storage conditions : Keep only in the original container in a cool, well ventilated place away from : Direct sunlight, Heat sources. Keep container closed when not in use.

Incompatible products : Strong bases. Strong acids.

Incompatible materials : Sources of ignition. Direct sunlight.

Maximum storage period : 12 months Shelf life to guarantee the quality and properties of the product; After this period, it is recommended to control organoleptic and physicochemical properties before using the raw material.

Storage temperature : 15 - 25 °C

#### 7.3. Specific end use(s)

No additional information available

### SECTION 8: Exposure controls/personal protection

#### 8.1. Control parameters

No additional information available

#### 8.2. Exposure controls

Personal protective equipment : Avoid all unnecessary exposure.

Hand protection : Wear protective gloves

Eye protection : Chemical goggles or safety glasses

Skin and body protection : Wear suitable protective clothing

Respiratory protection : Wear appropriate mask

Other information : Do not eat, drink or smoke during use.

### SECTION 9: Physical and chemical properties

#### 9.1. Information on basic physical and chemical properties

Physical state : Liquid

Colour : orange. brown.

Odour : characteristic. Floral. pleasant.

Odour threshold : No data available

pH : No data available

Relative evaporation rate (butylacetate=1) : No data available

Melting point : No data available

Freezing point : No data available

# JASMIN ABSOLUTE

## Safety Data Sheet

according to Regulation (EC) No. 1907/2006 (REACH) with its amendment Regulation (EU) 2015/830

Boiling point	: No data available
Flash point	: > 100 °C
Auto-ignition temperature	: No data available
Decomposition temperature	: No data available
Flammability (solid, gas)	: Non flammable
Vapour pressure	: No data available
Relative vapour density at 20 °C	: No data available
Relative density	: 0.945 - 0.985
Solubility	: No data available
Log Pow	: No data available
Viscosity, kinematic	: No data available
Viscosity, dynamic	: No data available
Explosive properties	: No data available
Oxidising properties	: No data available
Explosive limits	: No data available

### 9.2. Other information

VOC content	: <= 3 g/l
Refractive index	: 1.485 - 1.51

## SECTION 10: Stability and reactivity

### 10.1. Reactivity

No additional information available

### 10.2. Chemical stability

Not established.

### 10.3. Possibility of hazardous reactions

Not established.

### 10.4. Conditions to avoid

Direct sunlight. Extremely high or low temperatures.

### 10.5. Incompatible materials

Strong acids. Strong bases.

### 10.6. Hazardous decomposition products

fume. Carbon monoxide. Carbon dioxide.

## SECTION 11: Toxicological information

### 11.1. Information on toxicological effects

Acute toxicity : Not classified

<b>BENZYL ACETATE (140-11-4)</b>	
LD50 oral rat	2490 mg/kg
LD50 oral	830 mg/kg LD50 oral mouse
LD50 dermal rabbit	>= 5000 mg/kg
LC50 inhalation rat (ppm)	245 LC50 inhalation cat (Vapours - mg/l/8h)
LD50, oral, rabbit	= 2200 mg/kg
<b>BENZYL BENZOATE (120-51-4)</b>	
LD50 oral rat	1700 mg/kg
LD50 oral	1400 mg/kg LD50 oral mouse
LD50 dermal rat	4000 mg/kg
LD50 dermal rabbit	4000 mg/kg
LD50, mammalian, acute, oral, rabbit, systemic	= 1680 mg/kg
LD50, mammalian, acute, oral, Guinea pig, systemic	= 1121 mg/kg
<b>PHYTOL (150-86-7)</b>	
LD50 oral rat	> 5000 mg/kg
LD50 dermal rabbit	> 5000 mg/kg
<b>ISOPHYTOL (505-32-8)</b>	
LD50 oral rat	> 5400 mg/kg
LC50 inhalation rat (mg/l)	> 1.1 mg/l - 8h

# JASMIN ABSOLUTE

## Safety Data Sheet

according to Regulation (EC) No. 1907/2006 (REACH) with its amendment Regulation (EU) 2015/830

<b>LINALOOL (78-70-6)</b>	
LD50 oral rat	2790 mg/kg
LD50 oral	3120 mg/kg LD50 oral mouse
LD50 dermal rabbit	5610 mg/kg

<b>EUGENOL (97-53-0)</b>	
LD50 oral rat	1930 mg/kg
LC50 inhalation rat (ppm)	> 384 ppmv/4h

Skin corrosion/irritation	: Causes skin irritation.
Serious eye damage/irritation	: Not classified Based on available data, the classification criteria are not met
Respiratory or skin sensitisation	: May cause an allergic skin reaction.
Germ cell mutagenicity	: Not classified Based on available data, the classification criteria are not met
Carcinogenicity	: Not classified Based on available data, the classification criteria are not met
Reproductive toxicity	: Not classified Based on available data, the classification criteria are not met
Specific target organ toxicity (single exposure)	: Not classified Based on available data, the classification criteria are not met
Specific target organ toxicity (repeated exposure)	: Not classified Based on available data, the classification criteria are not met
Aspiration hazard	: Not classified Based on available data, the classification criteria are not met
Potential adverse human health effects and symptoms	: Based on available data, the classification criteria are not met.

## SECTION 12: Ecological information

### 12.1. Toxicity

Ecology - water : Very toxic to aquatic life. Toxic to aquatic life with long lasting effects.

<b>BENZYL ACETATE (140-11-4)</b>	
LC50 fish 1	ca. 4 mg/l LC50 96h fish - <i>Oryzias latipes</i>
EC50 other aquatic organisms 2	Moyenne (Average) 3.9 (3.29 - 4.54) mg/l Bacteria - <i>Phytobacterium phosphoreum</i> - EC50 ; 5/15/30 min ; 15°C

<b>BENZYL BENZOATE (120-51-4)</b>	
LC50 fish 2	4.8 mg/l Scud ( <i>Gammarus fasciatus</i> ) 96h
LC50 other aquatic organisms 1	9.8 mg/l Scud ( <i>Gammarus fasciatus</i> ) 24h

<b>ISOPHYTOL (505-32-8)</b>	
LC50 fish 1	> 10000 mg/l <i>Leuciscus idus</i> (golden orfe) - 96h
LC50 other aquatic organisms 2	> 500 mg/l <i>Desmodesmus subspicatus</i> (green algae) - 72h
EC50 Daphnia 1	0.2 mg/l EC50 48h - <i>Daphnia magna</i> [mg/l]
EC50 other aquatic organisms 2	> 10000 mg/l <i>Pseudomonas putida</i> (Bacteria) - 30min

<b>LINALOOL (78-70-6)</b>	
LC50 fish 1	27.8 mg/l EC 50 (fish : rainbow trout) : - 96h
LC50 other aquatic organisms 1	88.3 mg/l <i>Desmodesmus subspicatus</i> (green algae) - 96h
EC50 Daphnia 1	59 mg/l EC50 48h - <i>Daphnia magna</i> [mg/l]
NOEC chronic fish	3.5 mg/l <i>Oncorhynchus mykiss</i> (Rainbow trout)- 96h
NOEC chronic crustacea	25 mg/l daphnia - 48h

<b>EUGENOL (97-53-0)</b>	
LC50 fish 1	13 mg/l <i>Brachydanio rerio</i> (zebra-fish) - 96h
EC50 Daphnia 1	1.13 mg/l EC50 48h - <i>Daphnia magna</i> [mg/l]

### 12.2. Persistence and degradability

<b>JASMIN ABSOLUTE (84776-64-7)</b>	
Persistence and degradability	May cause long-term adverse effects in the environment.

<b>BENZYL ACETATE (140-11-4)</b>	
Persistence and degradability	May cause long-term adverse effects in the environment.

# JASMIN ABSOLUTE

## Safety Data Sheet

according to Regulation (EC) No. 1907/2006 (REACH) with its amendment Regulation (EU) 2015/830

<b>BENZYL BENZOATE (120-51-4)</b>	
Persistence and degradability	May cause long-term adverse effects in the environment.

<b>PHYTOL (150-86-7)</b>	
Persistence and degradability	May cause long-term adverse effects in the environment.

<b>ISOPHYTOL (505-32-8)</b>	
Persistence and degradability	Readily biodegradable. May cause long-term adverse effects in the environment.
Biodegradation	Moyenne (Average) 75 (70 - 80) % 28 days

<b>LINALOOL (78-70-6)</b>	
Persistence and degradability	Readily biodegradable. Not established.
Biodegradation	100 % 13 DAYS- ZAHN-WELLENS TEST OECD N° 302 B

<b>EUGENOL (97-53-0)</b>	
Persistence and degradability	Readily biodegradable. May cause long-term adverse effects in the environment.

### 12.3. Bioaccumulative potential

<b>JASMIN ABSOLUTE (84776-64-7)</b>	
Bioaccumulative potential	Not established.

<b>BENZYL ACETATE (140-11-4)</b>	
Log Kow	2
Bioaccumulative potential	Not established.

<b>BENZYL BENZOATE (120-51-4)</b>	
Log Kow	3.97
Bioaccumulative potential	Not established.

<b>PHYTOL (150-86-7)</b>	
Log Kow	8.32
Bioaccumulative potential	Not established.

<b>ISOPHYTOL (505-32-8)</b>	
Log Pow	8.8
Log Kow	8.23
Bioaccumulative potential	Not established.

<b>LINALOOL (78-70-6)</b>	
Log Pow	2.97
Bioaccumulative potential	Not established.

<b>EUGENOL (97-53-0)</b>	
Log Pow	2.7
Log Kow	2.27
Bioaccumulative potential	Not established.

### 12.4. Mobility in soil

No additional information available

### 12.5. Results of PBT and vPvB assessment

No additional information available

### 12.6. Other adverse effects

Additional information : Avoid release to the environment

## SECTION 13: Disposal considerations

### 13.1. Waste treatment methods

Waste disposal recommendations : Dispose in a safe manner in accordance with local/national regulations. Dispose of contents/container to ...

Ecology - waste materials : Avoid release to the environment.

## SECTION 14: Transport information

In accordance with ADR / RID / IMDG / IATA / ADN

### 14.1. UN number

UN-No. (ADR) : 3082  
UN-No. (IMDG) : 3082  
UN-No. (IATA) : 3082  
UN-No. (ADN) : 3082  
UN-No. (RID) : 3082

# JASMIN ABSOLUTE

## Safety Data Sheet

according to Regulation (EC) No. 1907/2006 (REACH) with its amendment Regulation (EU) 2015/830

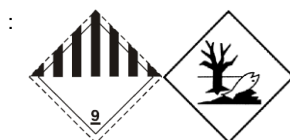
### 14.2. UN proper shipping name

Proper Shipping Name (ADR)	: ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S.
Proper Shipping Name (IMDG)	: Not applicable
Proper Shipping Name (IATA)	: Not applicable
Proper Shipping Name (ADN)	: Not applicable
Proper Shipping Name (RID)	: Not applicable
Transport document description (ADR)	: UN 3082 ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S., 9, III, (E)
Transport document description (IMDG)	: UN 3082, 9, MARINE POLLUTANT/ENVIRONMENTALLY HAZARDOUS

### 14.3. Transport hazard class(es)

#### ADR

Transport hazard class(es) (ADR)	: 9
Danger labels (ADR)	: 9



#### IMDG

Transport hazard class(es) (IMDG)	: 9
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#### IATA

Transport hazard class(es) (IATA)	: 9
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#### ADN

Transport hazard class(es) (ADN)	: 9
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#### RID

Transport hazard class(es) (RID)	: 9
Danger labels (RID)	: 9



### 14.4. Packing group

Packing group (ADR)	: III
Packing group (IMDG)	: Not applicable
Packing group (IATA)	: Not applicable
Packing group (ADN)	: Not applicable
Packing group (RID)	: Not applicable

# JASMIN ABSOLUTE

## Safety Data Sheet

according to Regulation (EC) No. 1907/2006 (REACH) with its amendment Regulation (EU) 2015/830

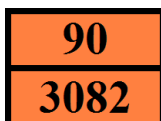
### 14.5. Environmental hazards

Dangerous for the environment : Yes  
Marine pollutant : Yes  
Other information : No supplementary information available

### 14.6. Special precautions for user

#### - Overland transport

Classification code (ADR) : M6  
Special provisions (ADR) : 274, 335, 601  
Limited quantities (ADR) : 5I  
Excepted quantities (ADR) : E1  
Vehicle for tank carriage : AT  
Transport category (ADR) : 3  
Hazard identification number (Kemler No.) : 90  
Orange plates :



Tunnel restriction code (ADR) : E

#### - Transport by sea

No data available

#### - Air transport

No data available

#### - Inland waterway transport

No data available

#### - Rail transport

No data available

### 14.7. Transport in bulk according to Annex II of MARPOL 73/78 and the IBC Code

Not applicable

## SECTION 15: Regulatory information

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

#### 15.1.1. EU-Regulations

The following restrictions are applicable according to Annex XVII of the REACH Regulation (EC) No 1907/2006:

3. Liquid substances or mixtures which are regarded as dangerous in accordance with Directive 1999/45/EC or are fulfilling the criteria for any of the following hazard classes or categories set out in Annex I to Regulation (EC) No 1272/2008	LINALOOL - BENZYL ACETATE - BENZYL BENZOATE - EUGENOL - ISOPHYTOL - PHYTOL
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JASMIN ABSOLUTE is not on the REACH Candidate List

Contains no substance on the REACH candidate list

JASMIN ABSOLUTE is not on the REACH Annex XIV List

Contains no REACH Annex XIV substances

VOC content : <= 3 g/l

#### 15.1.2. National regulations

##### Germany

12th Ordinance Implementing the Federal Immission Control Act - 12.BImSchV : Is not subject of the 12. BImSchV (Hazardous Incident Ordinance)

### 15.2. Chemical safety assessment

No chemical safety assessment has been carried out

## SECTION 16: Other information



# JASMIN ABSOLUTE

## Safety Data Sheet

according to Regulation (EC) No. 1907/2006 (REACH) with its amendment Regulation (EU) 2015/830

Data sources : REGULATION (EC) No 1272/2008 OF THE EUROPEAN PARLIAMENT AND OF THE COUNCIL of 16 December 2008 on classification, labelling and packaging of substances and mixtures, amending and repealing Directives 67/548/EEC and 1999/45/EC, and amending Regulation (EC) No 1907/2006.

Other information : None.

Full text of H- and EUH-statements:

Acute Tox. 4 (Inhalation:dust,mist)	Acute toxicity (inhalation:dust,mist) Category 4
Acute Tox. 4 (Oral)	Acute toxicity (oral), Category 4
Aquatic Acute 1	Hazardous to the aquatic environment — Acute Hazard, Category 1
Aquatic Chronic 1	Hazardous to the aquatic environment — Chronic Hazard, Category 1
Aquatic Chronic 2	Hazardous to the aquatic environment — Chronic Hazard, Category 2
Eye Irrit. 2	Serious eye damage/eye irritation, Category 2
Skin Irrit. 2	Skin corrosion/irritation, Category 2
Skin Sens. 1	Sensitisation — Skin, Category 1
H302	Harmful if swallowed
H315	Causes skin irritation
H317	May cause an allergic skin reaction
H319	Causes serious eye irritation
H332	Harmful 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

SDS EU (REACH Annex II)

*This information is based on our current knowledge and is intended to describe the product for the purposes of health, safety and environmental requirements only. It should not therefore be construed as guaranteeing any specific property of the product*