

## Material Safety Data Sheet

### Conventional Absolute of Jasmine from India

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#### 1/ Identification of the substance and the company

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##### 1.1 Identification of the substance

Trade name : Jasmine  
Botanical name : *Jasminum grandiflorum L.*  
INCI name : JASMINUM GRANDIFLORUM FLOWER EXTRACT  
Geographical origin : India

N° CAS TSCA :	8022-96-6	N° FEMA :	2598
N° CAS EINECS :	84776-54-7	N° FDA :	182.20
N° EINECS :	283-993-5	N° CoE :	245

##### 1.2 Use of the substance

Fragrance and flavour

##### 1.3 Identification of the company

Company name: IN-LUSTRYS  
Address : 294 Montée des Chênes - LaTuilière  
83136 NEOULES (France)  
Phone number : +33 (0)4 98 05 82 28  
Email : qualite@inlustrys.com

##### 1.4 Emergency telephone number

ORFILA Organism (poison control center): +33 (0)1 45 42 59 59  
Website : <http://www.centres-antipoison.net>

## 2.1 Classification of the substance

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

Hazard statements:

H302: Harmful if swallowed  
H313: May be harmful in contact with skin  
H315: Causes skin irritation  
H317: May cause an allergic skin reaction  
H319: Causes serious eye irritation  
H411: Toxic to aquatic life with long lasting effects

### Classification according to 67/548/EEC and 1999/45/EC

N: Dangerous for the environment  
Xn: Harmful

Risk statements:

R20: Harmful by inhalation.  
R22: Harmful if swallowed.  
R38: Irritating to skin.  
R43: May cause sensitization by skin contact.  
R51/53: Toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment.

Safety statements:

S24/25: Avoid contact with skin and eyes.  
S46: If swallowed, seek medical advice immediately and show this container or label.  
S61: Avoid release to the environment. Refer to special instructions / Safety Data Sheets.

## 2.2 Label elements

Signal word:

Warning

Labelling:



GHS07: Acute toxicity, irritation, dermal sensitizer, narcotic effects



GHS09: Hazardous to aquatic environment

Hazard statements:

H302: Harmful if swallowed  
H313: May be harmful in contact with skin  
H315: Causes skin irritation  
H317: May cause an allergic skin reaction  
H319: Causes serious eye irritation  
H411: Toxic to aquatic life with long lasting effects

Precautionary statements:

P273: Avoid release to the environment  
P280: Wear protective gloves/protective clothing/eye protection/face protection  
P301+312: IF SWALLOWED: Call a POISON CENTER or doctor/physician if you feel unwell  
P302+352: IF ON SKIN: Wash with soap and water  
P333+313: If skin irritation or a rash occurs: Get medical advice/attention  
P501: Dispose of contents/container to ...

### 2.3 Other hazards

CMR components:

none

Allergens:

benzyl benzoate ( $\leq 25\%$ ), linalool ( $\leq 10\%$ ), eugenol ( $\leq 5\%$ ), benzyl alcohol ( $\leq 5\%$ ), benzyl salicylate ( $\leq 1\%$ ), isoeugenol ( $\leq 0.5\%$ ), geraniol ( $\leq 0.2\%$ )

### 3/ Composition / information on ingredients

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Hazardous components:

Constituent Name	Identification		Concentration %
	CAS #	EINECS #	
Benzyl acetate	140-11-4	205-339-7	$\leq 25\%$
Benzyl alcohol	100-51-6	202-859-9	$\leq 5\%$
Benzyl benzoate	120-51-4	204-402-9	$\leq 25\%$
Cis-3-Hexenyl benzoate	25152-85-6	246-669-4	$\leq 3\%$
Cis-Jasmone	488-10-8	207-668-4	$\leq 5\%$
Eugenol	97-53-0	202-589-1	$\leq 5\%$
Geranyl linalool	1113-21-9	214-201-8	$\leq 5\%$
Indole	120-72-9	204-420-7	$\leq 5\%$
Isophytol	505-32-8	208-008-08	$\leq 10\%$
Linalool	78-70-6	201-134-4	$\leq 10\%$
Methyl palmitate	112-39-0	203-966-3	$\leq 3\%$
Phytol	150-86-7	205-776-6	$\leq 10\%$

**Classification:**

Constituent name	Labelling	Hazard statements	Signal word	Risk statements
Benzyl acetate	Unregulated	H303, H316, H401, H412	Warning	Unregulated
Benzyl alcohol	GHS07	H302, H313, H319, H332	Warning	Xn, R20/22
Benzyl benzoate	GHS07, GHS09	H302, H313, H400, H411	Warning	Xn, R22
Cis-3-Hexenyl benzoate	Unregulated	H316	Warning	Unregulated
Cis-Jasmone	Unregulated	H316	Warning	Unregulated
Eugenol	GHS07	H303, H316, H317, H319, H401	Warning	Xi, R36, R43
Geranyl acetate	GHS07	H315, H317, H401, H402	Warning	N, R51/53
Geranyl linalool	GHS07	H315	Warning	Xi, R38
Indole	GHS06	H302, H311	Danger	Xn, R21/22
Isophytol	GHS07, GHS09	H315, H400, H410	Warning	Xi, N, R38, R50/53
Linalool	GHS07	H227, H303, H315, H319, H402	Warning	Xi, R38
Methyl palmitate	GHS07	H315	Warning	Xi, R43
Phytol	GHS07, GHS09	H315, H400, H410	Warning	Xi, R38, R53

**4/ First-aid measures****In the event of skin contact**

Take off contaminated clothing.  
Wash immediately with soap and plenty of water.  
If irritation, get medical advice.

**In the event of eye contact**

Flush immediately with plenty of flowing water for at least 10 minutes, holding eyelids apart.  
Consult an ophthalmologist.

**In the event of ingestion**

If swallowed, rinse mouth with water.  
DO NOT induce vomiting.  
Get medical advice, showing label information .

**In the event of excessive inhalation**

Move the victim to fresh air.  
Get medical advise immediately.

## 5/ Fire-fighting measures

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### 5.1 Extinguishing media

Recommended : foam, dry powder, carbon dioxide (CO<sub>2</sub>)  
Inadvisable : avoid full water jet

### 5.2 Special hazards

In case of fire, toxic fumes like carbon monoxide and carbon dioxide may be liberated.  
Burning produces heavy smoke, do not inhale fumes.

### 5.3 Particular protective measures

Particular protective measures when fire-fighting:  
The pressure in the closed containers may increase with high temperature.  
Cool the endangered drums by water spraying or by an appropriate produce if water is not authorized.

### 5.4 Advice for firefighters

Move undamaged containers from immediate hazard area if it can be done safely.  
Use suitable breathing apparatus.  
Regard to self protection.

## 6/ Accidental release measures

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### 6.1 Individual precautions

Remove all sources of ignition (Avoid all flammable sources. Do not smoke.)  
Provide adequate ventilation.  
Give a warning to people in the hazardous area.  
Wear personal protection equipment.  
Avoid contact with skin, eyes, and clothing.

### 6.2 Precautions for environmental conservation

Stop the substance to enter into drains and groundwater.  
Prevent spreading over a wide area.

### 6.3 Cleaning methods

Limit the dispersion of the product.  
Absorb the liquid with an inert absorbent, such as oil or sand.  
Wash with a grease extractor.  
Get rid of the duster and sponges used, according to local regulations.

### 7.1 Handling

Handle with care.  
Keep the product away from heat and light.  
Remove all sources of ignition.  
Do not eat, drink, or smoke when handling the product.  
Do not ingest the product.  
Wear personal protective clothing.  
Use only in well-ventilated areas.

### 7.2 Storage

Fit quantities according to container volume, avoid too important empty spaces.  
It is recommended to stock the product in its original packaging, tightly closed, sheltered from heat sources, air and light.  
Avoid important temperature variation. Keep in temperate and well-ventilated area.  
Do not re-use empty used containers.  
Respect the usual hygiene rules.  
Packaging materials to be avoid:                      iron containers

### 7.3 Specific end use(s)

No data available (confer to above recommendations)

## 8/ Exposure controls / Personal protection

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### 8.1 Control parameters

No data available.

### 8.2 Exposure controls

Use in well ventilated areas.  
Follow usual hygiene rules. Wash hands after handling the product.  
Keep away from food and beverages.  
Provide accessible fire-extinguisher.

#### Personal protection equipment

◆ **Respiratory protection**

Generally unnecessary in a well-ventillated area.  
If ventilation is insufficient, respiratory protection must be worn.  
For pulverulent products, the wearing of a mask is recommended.

◆ **Hand protection**

The wearing of chemical solvent and acid resistant gloves is necessary. (according to EN374 regulation)

◆ **Eye protection**

The wearing of adequate safety glasses is advised.  
Prescription glasses do not qualify as safety glasses.  
Contact lenses users should wear prescription and safety glasses while using the product.

◆ **Skin protection**

Wear personal safety equipment.  
Handle the product with care, avoiding skin contact.

### 9.1 General information

Quality:	Conventional Absolute, 100% pure and natural
Appearance:	slightly viscous liquid
Colour:	red orangy
Odour:	flowery, fresh, sweet, characteristic of fresh flowers

### 9.2 Health, security and environmental information

Flash point:	> +62°C
Specific gravity at 20°C:	0.930 to 0.985
Solubility in water:	Insoluble
Solubility in ethanol:	Soluble

### 9.3 Others

Refractive index at 20°C:	1.470 to 1.505
Optical rotation at 20°C:	-5° to +5°
Conservation:	Keep in tightly closed container in a cool and dry place, protected from light. Stable at usual storage and use conditions.
Lifetime:	When stored for more than 24 months, quality should be checked before use.
Main constituents:	benzyl benzoate (10 to 25%), benzyl acetate (5 to 25%), linalool (5 to 10%), phytol (5 to 10%), isophytol (2 to 10%), phytol acetate ( $\leq$ 10%)

## 10/ Stability and reactivity

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### 10.1 Condition to avoid

Excessive heat, open flames or other sources of ignition.  
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.

### 10.2 Material to avoid or incompatible

No data available.

### 10.3 Dangerous decomposition products

No dangerous decomposition product known, if used according to specifications.

## 11/ Toxicological information

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### For dermal and eye absorption:

Causes skin and serious eye irritation

### For dermal and breathing sensitization:

May cause a skin allergy

### About mutagenicity:

Not identified as mutagen

### About carcinogenicity:

Not identified as carcinogen

### Toxic effects on the reproductive system:

None

### Inhalation hazards:

Harmful if swallowed

**Ill effect by absorption:** LD oral 50 N.D.

**Ill effect by dermal contact:** LD dermal 50 N.D.

## 12/ Ecological information

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Avoid any pollution of soil, ground and surface waters.

### 12.1 Toxicity



Toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment.

### 12.2 Mobility

No data available.

### 12.3 Persistence et degradability

No data available.

### 12.4 Bio-accumulative potential

No data available.

### 12.5 PBT evaluation results

No data available.

### 12.6 Other adverse effects

No data available.

## 13/ Disposal consideration

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

**Air emission :** avoid

**Wastewater disposal :** avoid

**Release into natural environment:** avoid

**Waste destruction:** Appropriate inceneration station

Do not use the empty containers

Get rid of the duster and sponges used by incineration.



## 14/ Transport information

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**14.1 UN number** 3082

### 14.2 Class

ADR (road) / RID (rail): Class 9 (Miscellaneous)  
IMDG (sea): Class 9 (Miscellaneous)  
IATA (air): Class 9 (Miscellaneous)



### 14.3 Label

Environmentally hazardous substance, solid

**14.4 Packaging group** III

**14.5 Aquatic toxicity** yes



### 14.6 Other information

Custom rate code: 33.01.90.90.00

## 15/ Regulatory information

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### Classification according to 67/548/EEC and 1999/45/EC

N: Dangerous for the environment  
Xn: Harmful

#### Risk statements:

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#### Safety statements:

S24/25: Avoid contact with skin and eyes.  
S46: If swallowed, seek medical advice immediately and show this container or label.  
S61: Avoid release to the environment. Refer to special instructions / Safety Data Sheets.

The information and recommendation contained in the data sheet are, to the best of IN-LUSTRYS's knowledge and belief, an accurate and reliable representation as to this material's known data. It's the user's responsibility to evaluate this information in a prudent manner and to use it consistently.

Used acronyms:

<b>INCI</b>	International Nomenclature of Cosmetic Ingredients
<b>CAS</b>	Chemical Abstract Service
<b>TSCA</b>	Toxic Substances Control Act
<b>EINECS</b>	European Inventory of Existing Commercial Chemical Substances
<b>FEMA</b>	Federal Emergency Management Agency
<b>FDA</b>	Food and Drug Administration
<b>CoE</b>	Council of Europe
<b>GHS</b>	Global Harmonized System
<b>CLP</b>	Classification and Labelling and Packaging of substances and mixtures
<b>ADR</b>	Agreement Dangerous goods by Road
<b>RID</b>	Regulations concerning the International Transport of Dangerous Goods by Rail
<b>IMDG</b>	International Maritime Dangerous Goods
<b>IATA</b>	International Air Transport Association
<b>PBT</b>	Persistent Bioaccumulating Toxicants
<b>LD</b>	Lethal dose