

# **Certificte of Analysis**

PRODUCT DETAILS			
Product Name	JASMINE ABSOLUTE SAMBAC		
Product Code	AOJASMSAMB		
Tariff Number	33012941		
Country of Origin	India	India	
Expiry Date			
Batch Number	4468404		
Best Before Date	May 2025		
Identification	CAS No: 91770-14-8	EC No: 294-797-4	
	FEMA: 2598		
PHYSICAL AND CHEMICA	AL CHARACTERISTIC		
	SPECIFICATION RANGE	RESULTS	
Appearance	Viscous Liquid	Conforms	
Colour	Pale Reddish to Red-Brown	Conforms	
Odour	Characterisitc	Conforms	
Refractive Index @ 20°C	1.480 - 1.516	1.5035	
STORAGE AND SHELF LIF	E		
Storage	Store in tightly closed container with r	ninimum headspace in a cool, dark and	
	dry place.		
Shelf Life	3 years unopened and stored as above	3 years unopened and stored as above.	

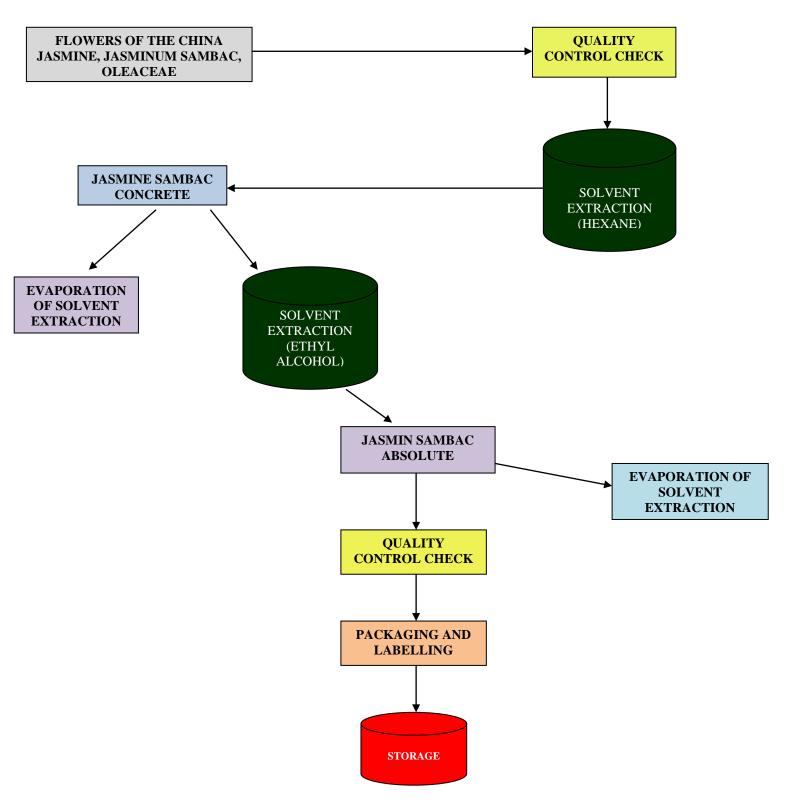
DISCLAIMER: This information relates only to the specific material designated and may not be valid for such material used in combination with any other materials or in any process. Such information is, to the best of the Company's knowledge and belief, accurate and reliable as of the date indicated. However, no warranty, guarantee or representation is made to its accuracy, reliability or completeness. It is the users responsibility to satisfy himself as to the suitability of such information for his own particular use. Where we make a declaration that allergenic material are not present in any

product, this statement is made assuming reasonable levels of detection. It is impossible to guarantee the "absolute absence" of any material. It is the ultimate responsibility of the customer to ensure the safety of the intended final product

containing this material, by carrying out additional tests if necessary



## PROCESSING – JASMIN SAMBAC ABSOLUTE FLOW CHART





## SAFETY DATA SHEET JASMINE ABSOLUTE SAMBAC

SECTION 1: Identification of the substance/mixture and of the company/undertaking		
1.1. Product identifier		
Product name	JASMINE ABSOLUTE SAMBAC	
CAS number	91770-14-8	
EC number	294-797-4	
FEMA No:	2598	
1.2. Relevant identified uses o	f the substance or mixture and uses advised against	
Identified uses	Industrial	
1.3. Details of the supplier of the supplier of the supplier of the supplier of the supplicit of the supplic	he safety data sheet	
Supplier	Madar Corporation Limited 19 - 20 Sandleheath Industrial Estate Fordingbridge SP6 1PA Tel. +44 1425 655 555 (Opening Hours Mon - Fri 9.00am - 5.00pm) e-mail technical@madarcorporation.co.uk	

#### 1.4. Emergency telephone number

SECTION 2: Hazards identification		
2.1. Classification of the substance or mixture		
Classification (EC 1272/2008)		
Physical hazards	Not Classified	
Health hazards	Skin Irrit. 2 - H315 Eye Dam. 1 - H318 Skin Sens. 1 - H317	
Environmental hazards	Aquatic Chronic 2 - H411	
Human health	Causes skin irritation. Causes serious eye damage. May cause an allergic skin reaction.	
Environmental	Toxic to aquatic life with long lasting effects.	
2.2. Label elements		
EC number	294-797-4	
Hazard pictograms		
BiOrigir	ns, 19-20 Sandleheath Industrial Estate, Fordingbridge, Hampshire, SP6 1PA, UK	

iOrigins, 19-20 Sandleheath Industrial Estate, Fordingbridge, Hampshire, SP6 1PA, UK Tel: 01425 655555 Email: technical@madarcorporation.co.uk Page 3 of 13

Signal word	Danger
Hazard statements	H315 Causes skin irritation. H318 Causes serious eye damage. H317 May cause an allergic skin reaction. H411 Toxic to aquatic life with long lasting effects.
Precautionary statements	<ul> <li>P261 Avoid breathing vapour/ spray.</li> <li>P273 Avoid release to the environment.</li> <li>P280 Wear protective gloves/ protective clothing/ eye protection/ face protection.</li> <li>P302+P352 IF ON SKIN: Wash with plenty of water.</li> <li>P305+P351+P338 IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.</li> <li>P391 Collect spillage.</li> <li>P501 Dispose of contents/ container in accordance with national regulations.</li> </ul>
Contains	Indole, Linalool
Supplementary precautionary statements	<ul> <li>P264 Wash contaminated skin thoroughly after handling.</li> <li>P272 Contaminated work clothing should not be allowed out of the workplace.</li> <li>P310 Immediately call a POISON CENTER/ doctor.</li> <li>P321 Specific treatment (see medical advice on this label).</li> <li>P332+P313 If skin irritation occurs: Get medical advice/ attention.</li> <li>P333+P313 If skin irritation or rash occurs: Get medical advice/ attention.</li> <li>P362+P364 Take off contaminated clothing and wash it before reuse.</li> </ul>

#### 2.3. Other hazards

#### SECTION 3: Composition/information on ingredients

3.2. Mixtures		
Benzyl Acetate		10-25%
CAS number: 140-11-4	EC number: 205-399-7	
Classification		
Aquatic Chronic 3 - H412		
Methyl Anthranilate		5-15%
CAS number: 134-20-3	EC number: 205-132-4	
Classification		
Eye Irrit. 2 - H319		
Indole		1-8%
CAS number: 120-72-9	EC number: 204-420-7	
Classification		
Acute Tox. 4 - H302		
Acute Tox. 3 - H311		
Eye Dam. 1 - H318		
Skin Sens. 1 - H317		

Linalool	0-8%
CAS number: 78-70-6	EC number: 201-134-4
Classification	
Skin Irrit. 2 - H315	
Eye Irrit. 2 - H319	
Skin Sens. 1 - H317	
benzyl alcohol	3-5%
CAS number: 100-51-6	EC number: 202-859-9
<b>Classification</b> Acute Tox. 4 - H302 Acute Tox. 4 - H332	
benzyl benzoate	0-3%
CAS number: 120-51-4	EC number: 204-402-9
M factor (Acute) = 1	
Classification	
Acute Tox. 4 - H302	
Aquatic Acute 1 - H400	
Aquatic Chronic 2 - H411	
The Full Text for all R-Phrases	s and Hazard Statements are Displayed in Section 16.
SECTION 4: First aid measure	es e
4.1. Description of first aid me	asures
Inhalation	Remove person to fresh air and keep comfortable for breathing. Get medical attention if any discomfort continues.
Ingestion	Rinse mouth thoroughly with water. Get medical attention if any discomfort continues.
Skin contact	Remove contamination with soap and water or recognised skin cleansing agent. Continue to rinse for at least 15 minutes and get medical attention.
Eye contact	Remove contact lenses, if present and easy to do. Continue rinsing. Continue to rinse for at least 15 minutes and get medical attention.
4.2. Most important symptoms	and effects, both acute and delayed
General information	No further information available at this time.
4.3. Indication of any immedia	te medical attention and special treatment needed
SECTION 5: Firefighting measure	
5.1. Extinguishing media	
Suitable extinguishing media	Extinguish with foam, carbon dioxide or dry powder.
Unsuitable extinguishing media	For safety reasons do not use full water jet.
E.2. Special beyonds origing fr	am the substance or mixture

5.2. Special hazards arising from the substance or mixture

Hazardous combustion products	May produce Carbon Dioxide and unidentified organic compounds.
5.3. Advice for firefighters	
Protective actions during firefighting	Avoid breathing fire gases or vapours. Control run-off water by containing and keeping it out of sewers and watercourses.
Special protective equipment for firefighters	Wear full protective clothing
SECTION 6: Accidental release	e measures
6.1. Personal precautions, pro	tective equipment and emergency procedures
Personal precautions	Avoid contact with skin, eyes and clothing. If ventilation is inadequate, suitable respiratory protection must be worn. Keep unnecessary and unprotected personnel away from the spillage. No smoking, sparks, flames or other sources of ignition near spillage. Wear protective clothing and gloves.
6.2. Environmental precaution	<u>S</u>
Environmental precautions	Avoid discharge into drains and the aquatic environment. Dangerous for the environment. Harmful to aquatic life with long lasting effects.
6.3. Methods and material for	containment and cleaning up
Methods for cleaning up	Absorb with inert, non-combustible, inorganic absorbent material (e.g. sand, earth, diatomaceous earth, vermiculite). Sweep up and remove to an approved disposal container. Do not absorb in sawdust or other combustible absorbents. For any concern related to disposal consult section 13. Clear up spills immediately and dispose of waste safely. Dispose of contents/container in accordance with local regulations. Do not reuse empty containers.
6.4. Reference to other section	<u>15</u>
SECTION 7: Handling and sto	rage
7.1. Precautions for safe hand	ling
Usage precautions	Apply good manufacturing practice and industrial hygiene practices. Keep containers sealed when not in use. Avoid breathing vapours. Avoid contact with skin, eyes and clothing. Do not eat, drink or smoke when using this product. Good personal hygiene procedures should be implemented. Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking.
7.2. Conditions for safe storage, including any incompatibilities	
Storage precautions	Store in tightly-closed, original container in a dry, cool and well-ventilated place. Keep away from flammable and combustible materials.
7.3. Specific end use(s)	
SECTION 8: Exposure control	s/Personal protection
8.1 Control parameters	

### 8.1. Control parameters

Benzyl Acetate (CAS: 140-11-4)

DNEL	Workers - Inhalation; Long term systemic effects: 21.9 mg/m <sup>3</sup> Workers - Inhalation; Short term systemic effects: 43.8 mg/m <sup>3</sup> Workers - Dermal; Long term systemic effects: 6.25 mg/kg, bw/day Workers - Dermal; Short term systemic effects: 12.5 bw/day, mg/kg General population - Inhalation; Long term systemic effects: 5.5 mg/m <sup>3</sup> General population - Inhalation; Short term systemic effects: 11 mg/m <sup>3</sup> General population - Dermal; Long term systemic effects: 3.125 bw/day, mg/kg General population - Dermal; Short term systemic effects: 6.25 bw/day, mg/kg General population - Oral; Short term systemic effects: 3.125 mg/kg, bw/day General population - Oral; Short term systemic effects: 6.25 mg/kg, bw/day
PNEC	<ul> <li>Fresh water; Short term 0.004 mg/l</li> <li>Intermittent release, Fresh water; 0.04 mg/l</li> <li>marine water; Short term 0 mg/l</li> <li>STP; Short term 8.55 mg/l</li> <li>Sediment (Freshwater); Short term 0.114 mg/kg</li> <li>Sediment (Marinewater); Short term 0.011 mg/kg</li> <li>Soil; Short term 0.021 mg/kg</li> </ul>
	Methyl Anthranilate (CAS: 134-20-3)
DNEL	Workers - Inhalation; Long term systemic effects: 5.28 mg/m <sup>3</sup> Workers - Dermal; Long term systemic effects: 1.5 bw/day, mg/kg General population - Inhalation; Long term systemic effects: 1.3 mg/m <sup>3</sup> General population - Dermal; Long term systemic effects: 0.75 bw/day, mg/kg General population - Oral; Long term systemic effects: 0.75 mg/kg, bw/day
PNEC	- Fresh water; Short term 0.009 mg/l - Intermittent release, Fresh water; 0.091 mg/l - marine water; Short term 0.001 mg/l
	Linalool (CAS: 78-70-6)
DNEL	Workers - Dermal; Short term systemic effects: 5 mg/kg Workers - Inhalation; Short term systemic effects: 16.5 mg/m <sup>3</sup> Workers - Dermal; Long term systemic effects: 2.5 mg/kg Workers - Inhalation; Long term systemic effects: 2.8 mg/m <sup>3</sup> General population - Oral; Short term systemic effects: 1.5 mg/kg General population - Dermal; Short term systemic effects: 2.5 mg/kg General population - Inhalation; Short term systemic effects: 4.1 mg/m <sup>3</sup> General population - Oral; Long term systemic effects: 0.2 mg/kg General population - Dermal; Long term systemic effects: 1.25 mg/kg General population - Inhalation; Long term systemic effects: 0.7 mg/m <sup>3</sup> - ; :
PNEC	<ul> <li>STP; Short term 10 mg/l</li> <li>Soil; Short term 0.327 mg/kg</li> <li>Intermittent release; Short term 2 mg/l</li> <li>Fresh water; Short term 0.2 mg/l</li> <li>marine water; Short term 0.02 mg/l</li> <li>Sediment (Freshwater); Short term 2.22 mg/kg</li> <li>Sediment (Marinewater); Short term 0.222 mg/kg</li> </ul>
8.2. Exposure controls	

#### Protective equipment





Appropriate engineering controls	Provide eyewash station Provide adequate ventilation.
Personal protection	Use personal protection according to Directive 89/686/EEC
Eye/face protection	Approved safety goggles.
Hand protection	Chemical resistant gloves (PVC)
Other skin and body protection	Wear an apron.
Hygiene measures	Good personal hygiene procedures should be implemented.
Respiratory protection	Generally unnecessary in a well ventilated area. If ventilation is insufficient, respiratory protection must be worn.
Environmental exposure controls	Avoid discharging into drains.

### **SECTION 9: Physical and chemical properties**

9.1. Information on basic physical and chemical properties		
Appearance	Viscous liquid.	
Colour	Pale Reddish. to Red-brown.	
Odour	Characteristic.	
Relative density	0.945 - 0.982 @ 25°C	
9.2. Other information		
Refractive index	1.480 - 1.516 @ 20°C	
Hydrocarbon Content		
SECTION 10: Stability and rea	activity	
10.1. Reactivity		
Reactivity	No data available.	
10.2. Chemical stability		
Stability	Stable under the prescribed storage conditions.	
10.3. Possibility of hazardous	reactions	
Possibility of hazardous reactions	No data available.	
10.4. Conditions to avoid		
Conditions to avoid	Avoid heat, flames and other sources of ignition.	
	Avoid heat, harnes and other sources of ignition.	
10.5. Incompatible materials		
Materials to avoid	Avoid contact with the following materials: Strong oxidising agents. bases Highly reactive chemicals which may produce unknown reaction products and so cause additional hazards.	
10.6. Hazardous decomposiți	<b>Tel:</b> 01425 655555 Email: technical@madarcorporation.co.uk Page 8 of 13	

Hazardous decomposition products	Thermal decomposition or combustion may liberate carbon oxides and other toxic gases or vapours.
SECTION 11: Toxicological inf	formation
11.1. Information on toxicologic	cal effects
Acute toxicity - oral	
ATE oral (mg/kg)	3,125.0
Acute toxicity - dermal	
ATE dermal (mg/kg)	3,750.0
Acute toxicity - inhalation	
ATE inhalation (vapours mg/l)	220.0
Skin corrosion/irritation Skin corrosion/irritation	
	Causes skin irritation.
Serious eye damage/irritation Serious eye damage/irritation	
	Causes serious eye damage.
Skin sensitisation Skin sensitisation	May cause an allergic skin reaction.
SECTION 12: Ecological inform	nation
12.1. Toxicity	
Toxicity	Harmful to aquatic life with long lasting effects.
12.2. Persistence and degrada	bility
Persistence and degradability	No data available.
12.3. Bioaccumulative potentia	<u>u</u>
12.4. Mobility in soil	
12.5. Results of PBT and vPvE	3 assessment
12.6. Other adverse effects	
SECTION 13: Disposal consid	
13.1. Waste treatment method	_
Disposal methods	Dispose of contents/container in accordance with local regulations. Do not empty into drains. Do not reuse empty containers.
SECTION 14: Transport inform	nation
14.1. UN number	
UN No. (ADR/RID)	3082
	3082
UN No. (IMDG)	
UN No. (ICAO)	3082
UN No. (ADN)	3082
14.2. UN proper shipping name	_
Proper shipping name (ADR/RID)	ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S.
Proper shipping name (IMDG) BiOrigin	ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S. is, 19-20 Sandleheath Industrial Estate, Fordingbridge, Hampshire, SP6 1PA, UK Tel: 01425 655555 Email: technical@madarcorporation.co.uk Page 9 of 13

Proper shipping name (ICAO)	ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S.	
Proper shipping name (ADN)	ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S.	
14.3. Transport hazard class(es)		
ADR/RID class	9	
ADR/RID classification code	M6	
ADR/RID label	9	

	Ũ
IMDG class	9
ICAO class/division	9
ADN class	9

Transport labels

14.4. Packing group	
ADR/RID packing group	III
IMDG packing group	Ш
ICAO packing group	Ш
ADN packing group	Ш

14.5. Environmental hazards

Environmentally hazardous substance/marine pollutant



EmS	F-A, S-F
ADR transport category	3
Emergency Action Code	•3Z
Hazard Identification Number (ADR/RID)	90
Tunnel restriction code	(-)

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

SECTION 15: Regulatory information

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

EU legislationRegulation (EC) No 1272/2008 of the European Parliament and of the Council of 16December 2008 on classification, labelling and packaging of substances and mixtures (as<br/>amended).

Guidance CHIP for everyone HSG228.

15.2. Chemical safety assessment

#### SECTION 16: Other information

Revision date	08/12/2020
Revision	1
SDS number	5508
Hazard statements in full	<ul> <li>H302 Harmful if swallowed.</li> <li>H311 Toxic in contact with skin.</li> <li>H315 Causes skin irritation.</li> <li>H317 May cause an allergic skin reaction.</li> <li>H318 Causes serious eye damage.</li> <li>H319 Causes serious eye irritation.</li> <li>H332 Harmful if inhaled.</li> <li>H400 Very toxic to aquatic life.</li> <li>H411 Toxic to aquatic life with long lasting effects.</li> <li>H412 Harmful to aquatic life with long lasting effects.</li> </ul>

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# **Product Specification**

PRODUCT DETAILS		
Product Name	JASMINE ABSOLUTE SAMBAC	
Tariff Number	33012941	
Country of Origin	India	
INCI Name	Jasminum sambac	
Natural Status	from our supplier, that this product is in	/2008 and therefore can be designated a
Food Grade Status	We confirm, from information received from our supplier, that this product conforms with EU Regulations and can be used in food.	
Kosher Certified	No but can be added	
Halal Certified	Suitable	
GMO Declaration	To the best of our knowledge and from information received from our supplier, this product does not derive from genetically modified starting raw material, or additives that are derived from genetically modifed organisms.	
Manufacturing Process	Jasmine Sambac Absolute is obtained by the solvent extraction of flowers of Jasminum sambac and further purification by alcohol	
Identification	CAS No: 91770-14-8	EC No: 294-797-4
	FEMA: 2598	
PHYSICAL AND CHEMICAL O	CHARACTERISTIC	
Appearance	Viscous Liquid	
Colour	Pale Reddish to Red-Brown	
Odour	Characterisitc	
Relative Density @ 25°C	0.945 - 0.982	
Refractive Index @ 20°C	1.480 - 1.516	
FRAGRANCE ALLERGENS		
Benzyl Alcohol <b>(100-51-6) 3-5%</b>	Benzyl Benzoate (120-51-4) 0-3%	Benzyl Salicylate (118-58-1) <1%
Cinnamic Alcohol (104-54-1) <1%	Eugenol <b>(97-53-0) &lt;1%</b>	Farnesol (4602-84-0) <1%
Linalool (78-70-6) 0-8%		
FOOD ALLERGENS		
NONE PRESENT		
IFRA		
Benzyl Alcohol <b>(100-51-6) 3-5%</b>	Benzyl Benzoate (120-51-4) 0-3%	Benzyl Salicylate (118-58-1) <1%
Cinnamic Alcohol <b>(104-54-1) &lt;1%</b>	Eugenol <b>(97-53-0) &lt;1%</b>	Farnesol (4602-84-0) <1%
STORAGE AND SHELF LIFE		
Storage	Store in tightly closed container with minimum headspace in a cool, dark and dry place.	
Shelf Life	3 years unopened and stored as above.	

to the best of the Company's knowledge and belief, accurate and reliable as of the date indicated. However, no warranty, guarantee or representation is made to its accuracy, reliability or completeness. It is the users responsibility to satisfy himself as to the suitability of such information for his own particular use. Where Global Essence make a declaration that allergenic material are not present in any product, this statement is made assuming reasonable levels of detection. It is impossible to guarantee the "absolute absence" of any material. It is the ultimate responsibility of the customer to ensure the safety of the intended final product containing this material, by carrying out additional tests if necessary.



# **Vegan and Vegetarian Statement**

IDENTIFICATION		
Product: Jası	mine Absolute Sambac	
	770-14-8	
EINECS No: 294	4-797-4	
	STATEMENT	
•	mited, from information received from our supplier, hereby declare ove is suitable for the following:	
Vegans (Excludes all anima (beeswax and honey).	al derived products, including dairy, eggs, leather, bee products	
Lacto Vegetarians (Same a	as vegan but allows milk products and bee products.	
Ovo Vegetarians (Same as	vegan but allows egg products and bee products)	
It does not contain any animal ingredients or animal by products. No animal ingredients or by products are used in the manufacturing process.		
01/02/2021		
does not release the buyer fro	the best of our knowledge and from information received from our supplier. It om the obligation to carry out an examination of the goods received. All uses under their own responsibility.	