

**FRAGRANCE PRODUCT INFORMATION SHEET**

**Product:** COSTUS OLIFFAC 1112  
**Product Code:** 30776239  
**Date:** January 24, 2013

**I. PRODUCT IDENTIFICATION**

A. TSCA Chemical Name: \_\_\_\_\_  
 EU Chemical Name: \_\_\_\_\_  
 US TSCA CAS #: \_\_\_\_\_ EU CAS #: \_\_\_\_\_

B. **Is product an intentional** composition? YES  NO  % Naturals: 3.4790%

C. This product is manufactured as a fragrance ingredient for use in manufacturing fragrance products. Any warranties or representations, express or implied, regarding the suitability of the product for any other purpose is hereby disclaimed.

**II. NATURAL AND NATURALLY DERIVED PRODUCTS (non-naturals skip to section III)**

A. **Natural Products: with respect to the definition of natural for fragrances in international standard ISO 9235, 1997, Is this product or all the odoriferous components of this product:**

1. Is product 100% Pure (Single botanical source) (one plant, one origin; not blended or diluted) YES  NO   
 Identify botanical source: \_\_\_\_\_

2. CAS # (if any): \_\_\_\_\_

3. Is product 100% Natural (derived only from natural sources) ? YES  NO

4. Is product Blend of Naturals and Synthetic ? YES  NO

5. Is product obtained by physical means or natural processes ( expression, steam distillation, extraction by vegetable material, Natural alcohol, CO2..) and has not been chemically modified ? YES  NO

6. Is product obtained by extraction or any process using synthetic /organic solvents or non natural gas? YES  NO   
 If yes, please identify and indicate % residue: \_\_\_\_\_

7. Is product obtained by codistillation using any solvent ? YES  NO   
 If yes, please identify and indicate %: \_\_\_\_\_

8. Does product contain any added antioxidants, diluents, colorants etc. YES  NO   
 If yes, please identify and indicate %: \_\_\_\_\_

If yes, are these additives obtained from biological starting materials /by using physical means ? YES  NO

9. Has your product been subject to any of the following means of microbiological control?: YES  NO   
 Addition of preservatives?  
 If yes, please identify and indicate %: \_\_\_\_\_

Irradiation? YES  NO

Use of gas? YES  NO   
 If yes, please identify and indicate % residue: \_\_\_\_\_

**B. GMO CERTIFICATION**

Our product/fragrance does not contain fragrance ingredients derived from Genetically Modified Organisms (GMO). However some technical aids, such as anti-oxidants or solvents, if used in this product/fragrance may originate from botanical species that are potentially genetically modified such as soy.

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**III. REGULATORY STATUS OF INGREDIENTS**

<b>A.</b>	<b>1. USA</b>			
	a. Are all ingredient(s) in compliance with section 5, TSCA?	Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>	
	b. Contains TSCA Low Volume Materials?	Yes <input type="checkbox"/>	No <input checked="" type="checkbox"/>	
	c. Contains any ingredient(s) subject to 12b under TSCA? If yes, please list ingredient(s): _____	Yes <input type="checkbox"/>	No <input checked="" type="checkbox"/>	
	<b>2. EUROPE</b>			
	a. Are all ingredient(s) listed on EINECS?	Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>	
	b. If no, are all non-EINECS ingredient(s) listed on ELINCS?	Yes <input type="checkbox"/>	No <input type="checkbox"/>	
	<b>REACH</b>	It is IFF's intention to comply with all relevant REACH requirements to assure that the substances and preparations you purchase from IFF in the EU will be REACH compliant. Please be aware that IFF as a vendor can only support REACH compliance for products purchased from us in the EU. Ingredients in products purchased by you from IFF outside the EU and which you export to the EU will need to be (pre)registered by the importer that is based in the EU.		
	<b>3. CANADA</b>			
	a. Are all ingredient(s) listed on CDSL (Canadian Domestic Substances List)?	Yes <input type="checkbox"/>	No <input checked="" type="checkbox"/>	
	b. If no, are all non-CDSL ingredient(s) listed on NDSL (Non-Domestic Substances List)?	Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>	
	c. Canada Ministerial Condition: _____			
	<b>4. AUSTRALIA</b>			
	a. Are all ingredient(s) listed on AICS (Australian Inventory of Chemical Substances)?	Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>	
	b. If no, have all non-listed ingredient(s) been notified as Limited Volume?	Yes <input type="checkbox"/>	No <input checked="" type="checkbox"/>	
	c. or Low Volume?	Yes <input type="checkbox"/>	No <input checked="" type="checkbox"/>	
	d. Restricted Ingredient(s)? _____			
	<b>5. PHILIPPINES</b>			
	a. Are all ingredient(s) listed on PICCS (Philippines Inventory of Chemicals and Chemical Substances)?	Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>	
	b. If no, have all non-listed ingredient(s) been notified with Low Volume Notification?	Yes <input type="checkbox"/>	No <input checked="" type="checkbox"/>	
	<b>6. KOREA</b>			
	Are all ingredient(s) listed on ECL (Korean Inventory of Existing Chemicals List)?	Yes <input type="checkbox"/>	No <input checked="" type="checkbox"/>	
	<b>7. CHINA</b>			
	Are all ingredient(s) listed on IECS (Chinese Inventory of Existing Chemicals Substances List)?	Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>	
	<b>8. SWITZERLAND</b>			
	Are all ingredient(s) listed on Swiss Giftliste 1 and Inventory of Notified New Substances?	Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>	
	<b>9. NEW ZEALAND</b>			
	Are all ingredient(s) listed on NZIoC (New Zealand Inventory of Chemicals)?	Yes <input type="checkbox"/>	No <input checked="" type="checkbox"/>	
	<b>10. JAPAN</b>			
	a. Are all ingredient(s) listed on ENCS (Japanese Existing and New Chemical Substances)?	Yes <input type="checkbox"/>	No <input checked="" type="checkbox"/>	
	b. If no, have all non-listed ingredient(s) been notified with Low Volume Notification?	Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>	
	c. Are all ingredient(s) listed on ISHL (Japanese Industrial Safety and Health Law)?	Yes <input type="checkbox"/>	No <input checked="" type="checkbox"/>	
	d. If no, have all non-listed ingredient(s) been notified with Low Volume Notification?	Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>	
	<i>Japan Type 1 Monitoring</i>	<i>Japan Type 2 Monitoring</i>	<i>Japan Type 3 Monitoring</i>	
	<b>11. OTHER</b>			
	Other than above, is this product or any component of this product restricted in any country? Reason: _____	Yes <input type="checkbox"/>	No <input type="checkbox"/>	
<b>B.</b>	<b>DEA</b>			
	<i>LIST I Precursor Chemicals</i>	<i>LIST II Precursor Chemicals</i>		
	_____	_____		
<b>C.</b>	<b>CALIFORNIA PROPOSITION 65</b>			
	List Ingredients: _____			

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**D. Safety aspects for handling, storage and transportation:**

1. MSDS (OSHA: CFR 1910:1200): Attached  In preparation  Non-hazardous (per OSHA)   
 2. European MSDS equivalent: Attached  In preparation  Not available at present   
 3. Customs Tariff Number: 33.0290.90.00  
 4. Vapor Pressure (mmHg @ 25°C): < 0.01  
 5. Switzerland Volatile Organic Compounds (VOC) %: < 0.1

**IV. SAFETY ASPECTS FOR PERFUMERY USE**
**A. If the product contains any of the materials below please indicate the %:**

	Restricted* Materials	Direct Add %	Indirect Add %
1.	Acetanilide 103-84-4 EINECS: 203-150-7	-	
2.	Acetyl Isoeugenol (Isoeugenyl Acetate) 93-29-8 EINECS: 202-236-1	-	
3.	Alkyl Phenols and Alkyl Phenol Ethoxylates (Identify):	-	
4.	Anethole 4180-23-8 EINECS: 224-052-0	-	-
5.	Animal Derived (indicate source). Please complete attached Certification		
	Bovine (Beef) Yes <input type="checkbox"/>		
	Ovine (Sheep) Yes <input type="checkbox"/>		
	Caprine (Goat) Yes <input type="checkbox"/>		
	Other Yes <input type="checkbox"/>	-	
	Harvested Ingredients (eg: Beeswax) (Identify):	-	
6.	Anise Seed Oil 8007-70-3, 84775-42-8 EINECS: 283-872-7	-	
7.	Bay Leaf Oil 8006-78-8, 85085-61-6 EINECS: 285-385-5	-	
8.	Benzyl acetate 140-11-4 EINECS: 205-399-7	-	< 0.0001
9.	Calamus 8015-79-0, 84775-39-3 EINECS: 283-869-0	-	
10.	Camphor 76-22-2 EINECS: 200-945-0	-	-
11.	Camphor Oil 8008-51-3 EINECS: 295-980-1	-	
12.	Carvone Oxide 33204-74-9 EINECS: 251-405-6	-	
13.	Cinnamic Acid 140-10-3, 621-82-9 EINECS: 205-398-1, 210-708-3	-	
14.	Cinnamon Leaf Oil 8015-91-6, 84649-98-9, 72869-80-8 EINECS: 283-479-0	-	
15.	Cinnamyl Anthranilate 87-29-6 EINECS: 201-738-8	-	
16.	Citronella Oil 8000-29-1, 89998-15-2 EINECS: 289-753-6	-	
17.	Clove Oil 8000-34-8, 84961-50-2 EINECS: 284-638-7	-	
18.	Cyclamen Aldehyde 103-95-7 EINECS : 203-161-7	< 0.0001	
19.	Diacetyl 431-03-8 EINECS: 207-069-8	-	-
20.	Ethoxy Ethanol, 2-, 110-80-5, 111-15-9 EINECS: 203-804-1, 203-839-2	-	
21.	Ethyl Phenyl Glycidate 121-39-1 EINECS: 204-467-3	-	
22.	Ethyl Vanillin 121-32-4 EINECS: 204-464-7	-	
23.	Eucalyptol 470-82-6 EINECS: 207-431-5	-	-
24.	Furfural 98-01-1 EINECS: 202-627-7	-	< 0.0001
25.	Galbanum 8023-91-4, 9000-24-2 EINECS: 232-532-6	-	
26.	Geranium (Abs., oil) 8000-46-2, 90082-51-2 EINECS: 290-140-0	-	
27.	Geranyl Acetate 105-87-3 EINECS: 203-341-5	-	-
28.	Glycol Ethers & Glycol Ether Esters (Identify):		
	<b>DIPROPYLENE GLYCOL, 110-98-5, 25265-71-8, 0.0028%</b>	0.0028	
29.	Guaiacol 90-05-1 EINECS: 201-964-7	-	-
30.	Halogenated (Identify):	-	-
31.	Hay Oil 8031-00-3, 100209-32-3 EINECS: 309-340-7	-	
32.	Heliotropin 120-57-0 EINECS: 204-409-7	-	
33.	Hercolyn 8050-15-5 EINECS: 232-476-2	-	
34.	Hydroxycitronellal Dimethyl Acetal 141-92-4 EINECS: 205-510-9	-	
35.	Lavender (Abs., Oil) 8000-28-0, 84776-65-8 EINECS: 283-994-0	-	

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36.	Lavandin Oil 8022-15-9, 93455-96-0 EINECS: 297-384-7	-	
37.	Lemongrass Oil 8007-02-1, 89998-14-1 EINECS: 289-752-0	-	
38.	Lilial (meta) 62518-65-4, EINECS: 263-580-6	-	< 0.0001
39.	Litsea Cubeba 68855-99-2, 90063-59-5 EINECS: 290-018-7	-	
40.	Macrocyclic Musks (Identify)		
	<b>MUSCOLACTONE,106-02-5,0.0002%;ETHYLENE BRASSYLATE,105-95-3,0.0001%</b>	0.0003	
41.	Menthol 89-78-1, 2216-51-5 EINECS 201-939-0, 2216-51-5	-	-
42.	Methyl Heptyl Ketone 821-55-6 EINECS: 212-480-0	-	
43.	Methyl Isoeugenol 93-16-3 EINECS: 202-224-6	-	
44.	Narcissus 8023-75-4, 90064-26-9, 68917-12-4 EINECS: 290-086-8, 290-087-3	-	
45.	Nitriles (Identify):		
		-	
46.	Nitromusks (Identify):		
		-	
47.	Nonanal Dimethyl Acetal 18824-63-0 EINECS: 242-603-3		
48.	Nut Oils & Nut Derivatives	-	
49.	Orange Flower Abs. 8008-57-9, 97766-30-8, 8028-48-6, 68514-75-0 EINECS: 307-891-8, 232-433-8	-	
50.	Orris Products	-	
51.	Patchouli Oil 8014-09-3, 84238-39-1, 73049-67-9, 73049-85-1 EINECS: 282-493-4	0.0010	
52.	Perilla Oil 68132-21-8, 90082-61-4 EINECS: 290-151-0	-	
53.	Phenyl Acetaldehyde Acetals 101-48-4, 29895-73-6 EINECS: 202-945-6, 249-934-2	-	
54.	Phenyl Ethyl Acetate 101-97-3 EINECS: 202-993-8	-	
55.	Phoenicea Oil 68916-94-9, 90046-03-0 EINECS: 289-970-6	-	
56.	Phthalates (Identify):		
		-	-
57.	Pimento Oil 8006-77-7, 84929-57-7 EINECS: 284-540-4	-	
58.	Pinene/alpha 80-56-8 EINECS: 201-291-9	-	0.0126
59.	Pinene/beta 127-91-3 EINECS: 204-872-5	-	-
60.	Polycyclic Musks (Identify):		
		-	-
61.	Resorcinol 108-46-3 EINECS: 203-585-2	-	
62.	Rose (specify) 8007-01-0, 84604-12-6, 90106-38-0 EINECS: 283-289-8, 290-260-3	-	
63.	Salicylates (Identify):		
		-	-
64.	Sandalwood 8006-87-9, 84787-70-2, 84650-41-9 EINECS: 284-111-1, 283-511-3	-	
65.	Sandela (BC) 70955-71-4 EINECS: 275-062-7	-	
66.	Sandiff (CC) 68877-29-2 EINECS: 272-556-4	-	
67.	Santalol 11031-45-1, 115-71-9, 77-42-9 EINECS: 234-262-4	-	
68.	Spearmint Oil 8008-79-5, 84696-51-5 EINECS: 283-656-2	-	
69.	Styrallyl Alcohol 98-85-1 EINECS: 202-707-1	-	
70.	Styrene 100-42-5 EINECS 202-851-5	-	< 0.0001
71.	Thyme 8007-46-3, 84776-98-7, 85085-75-2, 84929-51-1 EINECS: 284-023-3, 285-397-0, 284-535-7	-	
72.	Tonka Bean 8046-22-8, 8024-04-2 EINECS: 232-460-5	-	
73.	Trimeth Cyclohexene – Carboxaldehydes (Identify):		
		-	
74.	Undecanone, 2-, 112-12-9 EINECS: 203-937-5	-	-
75.	Undecylenic Acid & Esters 112-38-9 EINECS: 203-965-8	2.0975	
76.	Vanillin 121-33-5 EINECS: 204-465-2	-	-
77.	Vetiver Oil 8016-96-4, 84238-29-9, 68917-65-7 EINECS: 282-490-8	0.0002	-
78.	Violet Leaf 8024-08-6, 90147-36-7 EINECS: 290-427-0	-	
	<b>COMMON SOLVENTS OR DILUENTS</b>		
79.	Carbitol 111-90-0 EINECS: 203-919-7	-	
80.	Diethyl Phthalate 84-66-2 EINECS: 201-550-6	-	-
81.	Dipropylene Glycol 110-98-5 EINECS: 203-821-4	0.0028	
82.	Ethanol 64-17-5 EINECS: 200-578-6	-	0.0063
83.	Hexylene Glycol 107-41-5 EINECS:203-489-0	-	

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84.	Isopropyl Myristate 110-27-0 EINECS:203-751-4	0.0001	-
85.	Phenyl Ethyl Alcohol 60-12-8 EINECS: 200-456-2	-	< 0.0001
86.	Propylene Glycol 57-55-6 EINECS: 200-338-0	-	-
87.	Triethyl Citrate 77-93-0 EINECS: 201-070-7	65.5354	
88.	Solvents/Diluents (other than identified above) (Identify):		
	<b>Benzyl Benzoate,120-51-4,0.0485%; Diethyl tartarate, 87-91-2,0.0472%</b>		
	<b>Antioxidants and Other Additives</b>		
89.	BHA 121-00-6, 25013-16-5 EINECS: 204-442-7, 246-563-8	-	
90.	BHT 128-37-0 EINECS: 204-881-4	0.0010	
91.	Alpha-Tocopherol	< 0.0001	
92.	Natural Tocopherols	-	
93.	Methyl Di-t-butyl-4-hydroxyhydrocinnamate (Methylox) 6386-38-5 EINECS: 228-985-4	-	
94.	Tertiary Butylhydroquinone 1948-33-0 EINECS: 217-752-2	-	
95.	Other Antioxidants (Identify): <b>Citric acid,77-92-9,&lt; 0.0001%</b>	< 0.0001	
96.	Colorants (Identify):	-	
97.	Emulsifiers (Identify):	-	
98.	Preservatives (Identify):		
	<b>ANNEX LISTED MATERIALS OF THE EU COSMETICS DIRECTIVE 76/768/EEC:</b>	<b>%</b>	
99.	Furocoumarin Content:		
	5-Methoxy Psoralen 484-20-8 EINECS: 207-604-5	-	-
	Bergamottin 7380-40-7	-	-
	Byacangelicol 482-25-7	-	-
	Epoxybergamottin	-	-
	Isopimpinellin 482-27-9	-	-
	Oxypeucedanin 737-52-0	-	-
	8-Methoxy Psoralen 298-81-7 EINECS: 206-066-9	-	-
	Imperatorin 482-44-0 EINECS: 207-581-1	-	-
100.	Other Annex Listed Materials (Identify): <b>Isoeugenol,97-54-1,0.0131%; Styrax,8024-01-9,0.0063%</b>	-	-
101.	CMR's Official and self-classified Direct Add (Identify): <b>Lilial,80-54-6,&lt; 0.0001%</b>	< 0.0001	
102.	CITES (Identify):		
	Appendix II: <b>Guaicwood oil, 8016-23-7, 3.1463%</b>	3.1463	
	Appendix III:		
103.	JAPAN COSMETICS		
	Appendix I:		
	Appendix II:		
	Appendix III:		
	Appendix IV:		
104.	CANADA HOT LIST (identify): <b>Citric acid,77-92-9,&lt; 0.0001%</b>	< 0.0001	
	*Restricted - Some customers and/or regulatory agencies either limit or restrict the use of the materials listed		

**B. Toxicity Data:**

See MSDS

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C. This material complies with the most current IFRA Guidelines? (IFRA 46) Yes  No   
 According to the upcoming IFRA 46<sup>th</sup> amendment implementation, please find the completed tables below:

**Restricted Fragrance Allergens**

<b>Ingredient Name</b>	<b>% Direct (added as such)</b>	<b>% from Naturals</b>	<b>% Impurities (from synthetics)</b>	<b>% Total</b>
alpha-Amyl Cinnamic Aldehyde (122-40-7)	-		-	0
alpha-Amyl Cinnamic Alcohol (101-85-9)	-		-	0
Anisyl Alcohol (105-13-5)	-	-	-	0
Benzyl Alcohol 100-51-6)	< 0.0001	< 0.0001	< 0.0001	< 0.0001
Benzyl Benzoate (120-51-4)	0.0472	-	0.0013	0.0485
Benzyl Cinnamate (103-41-3)	0.0001	-	0.0001	0.0002
Benzyl Salicylate (118-58-1)	-	-	-	0
Cinnamic Alcohol (104-54-1)	< 0.0001	-	0.0001	0.0001
Cinnamic Aldehyde (104-55-2)	-	< 0.0001	-	< 0.0001
Citral (mixture of neral + geranial) (5392-40-5)	-	-	< 0.0001	< 0.0001
Citronellol (106-22-9)	-	-	< 0.0001	< 0.0001
Coumarin (91-64-5)	0.0005	-	0.0004	0.0009
Eugenol (97-53-0)	-	-	0.0009	0.0009
Farnesol (4602-84-0)	-	-	-	0
gamma-Methyl Ionone (127-51-5)	0.0009		-	0.0009
Geraniol (106-24-1)	-	-	< 0.0001	< 0.0001
Hexyl Cinnamic Aldehyde (101-86-0)	-		-	0
Hydroxyisohexyl 3-Cyclohexene Carboxaldehyde (31906-04-4; 51414-25-6)	-		-	0
Hydroxycitronellal (107-75-5)	-		-	0
Iso Eugenol (97-54-1)	-	-	0.0131	0.0131
Butylphenyl Methylpropional (80-54-6)	< 0.0001		-	< 0.0001
Limonene (5989-27-5; 138-86-3; 5989-54-8)	-	0.0007	< 0.0001	0.0007
Linalool (78-70-6)	-	-	0.0006	0.0006
Methyl Heptine Carbonate (111-12-6)	-		-	0
Oakmoss (68917-10-2; 90028-68-5)	-		Resinic Acid Level: Atranol Level: Chloratranol level:	0
Treemoss (68648-41-9; 90028-67-4)	-		Resinic Acid Level: Atranol Level: Chloratranol level:	0

**IFRA 46<sup>th</sup> Amendment restricted substances (other than allergens)**

<b>Name</b>	<b>CAS</b>	<b>% Direct (added as such)</b>	<b>% from Naturals</b>	<b>% Impurities (from synthetics)</b>	<b>% Total</b>
Abietic acid	514-10-3	-	-	-	0
Allyl esters		-			0
AHMI (Phantolide)	15323-35-0	-			0
Allyl Phenoxyacetate	7493-74-5	-			0
Benzaldehyde	100-52-7	-	< 0.0001	-	< 0.0001
Benzenepropanal, 4-methoxy-alpha-methyl	5462-06-6	-			0

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Benzyl cyanide	140-29-4	-	-	-	0
Bourgeonal	18127-01-0	-	-	-	0
Alpha Butyl cinnamaldehyde	7492-44-6	-	-	-	0
Carvone	99-49-0	-	-	-	0
Cinnamic aldehyde dimethyl acetal	4364-06-1	-	-	-	0
Cinnamyl nitrile	4360-47-8	-	-	-	0
Cis/trans asarone	5273-86-9 / 2883-98-9	-	-	-	0
Creosol	93-51-6	-	-	-	0
Cyclamen alcohol	4756-19-8	-	-	-	0
Damascenone	23696-85-7	-	-	-	0
Damascone alpha	43052-87-5	-	-	-	0
Damascone beta	23726-92-3, 23726-91-2	-	-	-	0
Damascone delta	57378-68-4	-	-	-	0
Damascone gamma	35087-49-1	-	-	-	0
Damascone Iso	39872-57-6, 33673-71-1, 70266-48-7	-	-	-	0
Dibenzyl ether	103-50-4	-	-	-	0
Dimethylcyclohex-3-ene-1-carboxaldehyde (mixed isomers)	68737-61-1, 68039-49-6, 68039-48-5, 27939-60-2, 67801-65-4	-	-	-	0
Dimethylcyclohexenepentenone (Dynascone/Galbascone)	56973-85-4	-	-	-	0
Dihydrosafrol	94-58-6	-	-	-	0
Dimethyl anthranilate	85-91-6	-	-	-	0
Estragole	140-67-0	-	-	-	0
2-Ethoxy-4-methylphenol	2563-07-7	-	-	-	0
Helional (alpha-Methyl-1,3-benzodioxole-5-propionaldehyde)(MMDHCA)	1205-17-0	-	-	-	0
2-Heptylidene-cyclopentan-1-one	39189-74-7	-	-	-	0
trans-2-Hexenal	6728-26-3	-	-	-	0
Hexyl salicylate	6259-76-3	-	-	-	0
Hexylidene cyclopentanone	17373-89-6	-	-	-	0
Iso E super	54464-57-2	-	-	-	0
Isobergamate	68683-20-5	-	-	-	0
Isobutyl N-methylantranilate	65505-24-0	-	-	-	0
p-Isobutyl-alpha-methyl Hydrocinnamal	6658-48-6	-	-	-	0
Isocyclocitral	1335-66-6	-	-	-	0
Isocyclogeraniol	68527-77-5	-	-	-	0
Isosafrol	120-58-1	-	-	-	0
Majantol	103694-68-4	-	-	-	0
ortho-Methoxycinnamaldehyde	1504-74-1	-	-	-	0
7-Methoxycoumarin	531-59-9	-	-	-	0
Scentenal	86803-90-9	-	-	-	0
Methyl beta naphthyl ketone	93-08-3	-	-	-	0
Methyl cinnamic aldehyde	101-39-3	-	-	-	0
Methyl eugenol	93-15-2	-	-	-	0
Methyl heptadienone	1604-28-0	-	-	-	0
Methyl ionones, mixed isomers	1335-46-2	0.0010	-	-	0.001
Methyl octine carbonate	111-80-8	-	-	-	0
3-Methyl-2-(pentyloxy)cyclopent-2-en-1-one	68922-13-4	-	-	-	0
p-Methyltetrahydroquinoline	91-61-2	-	-	-	0
2-Nonyl-1-yl dimethyl acetal	13257-44-8	-	-	-	0
Nootkatone	4674-50-4	-	-	-	0
1-Octen-3-yl acetate	2442-10-6	-	-	-	0
1-(2,4,4,5,5-Pentamethyl-1-cyclopenten-1-yl) ethan-1-one	13144-88-2	-	-	-	0

**FRAGRANCE PRODUCT INFORMATION SHEET**

Perilla aldehyde	2111-75-3	-	-	-	0
Phenyl acetaldehyde	122-78-1	-	-	<0.0001	<0.0001
3-Phenylbutanal	16251-77-7	-	-	-	0
2-Phenylpropionaldehyde	93-53-8	-	-	-	0
Polynuclear Aromatic Hydrocarbons (PAHs)				-	0
Propylidene phthalide	17369-59-4	-	-	-	0
Pseudomethylionone	26651-96-7, 72968-25-3, 1117-41-5	-	-	-	0
Pseudoionone	141-10-6	-	-	-	0
Safranal	116-26-7	-	-	-	0
Safrol	94-59-7	-	-	-	0
Sclareol	515-03-7	-	-	-	0
1,2,3,4-Tetrahydro-4-methylquinoline	19343-78-3	-	-	-	0

**IFRA 46<sup>th</sup> Amendment restricted naturals**

Name	CAS	%	Name	CAS	%
Angelica root oil	8015-64-3	-	Opoponax	8021-36-1 9000-78-6	-
Bergamot oil expressed	8007-75-8	-	Peru balsam ext. and distillates	8007-00-9	-
Birch wood oil, distillates	8001-88-5 84012-15-7 85940-29-0 68917-50-0	-	Petitgrain Mandarin oil	8014-17-3	-
Bitter orange peel oil expressed	68916-04-1 72968-50-4	-	Rue oil	8014-29-7 84929-47-5	-
Cade oil, distillates	8013-10-3 90046-02-9	-	Savin oil, <i>Juniperus phoenicea</i> L.	8024-00-8	-
Cumin oil	8014-13-9	-	Styrax	8046-19-3 8024-01-9	<b>0.0063</b>
Grapefruit oil expressed	8016-20-4 90045-43-5	-	Tagetes oil and absolutes	91722-29-1 8016-84-0	-
Jasmine Grandiflorum	8022-96-6 8024-43-9 90045-94-6 84776-64-7	-	Tea leaf absolute	84650-60-2	-
Jasmin Sambac	91770-14-8	-	Verbena absolute	8024-12-2 117-98-6	-
Lemon oil cold pressed	8008-56-8 84929-31-7	-	Vetiver oil acetylated (Vetiveryl Acetate)	84082-84-8 72230-87-6 84082-84-8	-
Lime oil expressed	8008-26-2 90063-52-8	-	Ylang ylang	8006-81-3 68606-83-7 83863-30-3	-
Melissa oil (geniune Melissa officinalis L.)	8014-71-9 84082-61-1	-			

**IFRA 46<sup>th</sup> Amendment prohibited materials**

Does this product contain any material prohibited or not recommended by IFRA 46<sup>th</sup> amendment? Yes  No

If yes, please specify and indicate percent (see list on following page):

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**FRAGRANCE PRODUCT INFORMATION SHEET**
**List of materials either prohibited or not "recommended for use" by IFRA 46<sup>th</sup> amendment**

Acetyl ethyl tetramethyl tetralin (AETT, Versalide)	88-29-9	2,4-Heptadienal	5910-85-0
Acetyl isovaleryl (5-Methyl-2,3-hexanedione)	13706-86-0	trans, trans, 2,4-Heptadienal	4313-03-5
Allantoin oil (Elecampane oil)	97676-35-2	trans-2-Heptenal	18829-55-5
Allyl heptin carbonate	73157-43-4	2,4 Hexadienal	80466-34-8
Allylthiothiocyanate	57-06-7	trans, trans, 2,4 Hexadienal	142-83-6
Amyl cyclopentenone	25564-22-1	trans, cis, 2,4 Hexadienal	53398-76-8
Anisylidene acetone (4-(4-methoxyphenyl)-3-buten-2-one)	943-88-4	Hexahydrocoumarin	700-82-3
cis-beta Asarone ((Z)-2,4,5-Trimethoxypropen-1-yl benzene)	5273-86-9	trans-2-Hexenal diethyl acetal	67746-30-9
trans Asarone ((E)-1,2,4-trimethoxy-5-prop-1-enylbenzene)	2883-98-9	trans-2-Hexenal dimethyl acetal	18318-83-7
Benzene (directly added, not indirectly added from naturals or as synthetic impurity)	71-43-2	Hydroabietyl alcohol (Abitol)	13393-93-6
Benzyl cyanide (directly added, not indirectly added from naturals)	140-29-4	Hydroabietyl alcohol (Abitol)	1333-89-7
Benzylidene acetone (4-Phenyl-3-buten-2-one)	122-57-6	Hydroquinone monoethylether (4-Ethoxy phenol)	622-62-8
Birch wood (bark) pyrolysates (oils), crudes (not rectified or distilled)	8001-88-5	Hydroquinone monomethylether (4-Methoxy phenol)	150-76-5
Birch wood (bark) pyrolysates (oils), crudes (not rectified or distilled)	85940-29-0	Isophorone	78-59-1
Birch wood (bark) pyrolysates (oils), crudes(not rectified or distilled)	84012-15-7	6-Isopropyl-2-decalol	34131-99-2
Boldo leaf oil	8022-81-9	Massoia bark oil	85085-26-3
Boldo leaf oil	84649-96-7	Massoia lactone	54814-64-1
3-Bromo-1,7,7-trimethylbicyclo[2.2.1]heptane-2-one	76-29-9	7-Methoxycoumarin (directly added, not indirectly added from naturals)	531-59-9
Bromstryene	103-64-0	alpha-Methyl anisylidene acetone (1-(4-Methoxyphenyl)-1-penten-3-one)	104-27-8
p-tert-Butylphenol	98-54-4	6-Methyl coumarin (Toncarine)	92-48-8
Cade oils, crude (not rectified or distilled)	8013-10-3	7-Methyl coumarin	2445-83-2
Cade oils, crude(not rectified or distilled)	90046-02-9	Methyl crotonate	623-43-8
Carvone oxide	33204-74-9	4-Methyl-7-ethoxycoumarin (Maraniol)	87-05-8
Chenopodium oil	8006-99-3	Methyl methacrylate	80-62-6
Chenopodium oil	89997-47-7	3-Methyl-2 (3)-nonenenitrile	53153-66-5
Cinnamylidene acetone	4173-44-8	Moskene	116-66-5
Colophony	8050-09-7	Musk ambrette	83-66-9
Costus root oil, absolute and concrete	8023-88-9	Musk tibetine	145-39-1
Costus root oil, absolute and concrete	90106-55-1	Musk xylol	81-15-2
Cyclamen alcohol (3-(4-Isopropylphenyl)-2-methylpropanol)	4756-19-8	Nitrobenzene	98-95-3
2,4-Decadienal	2363-88-4	2,4-Nonadienal	6750-03-4
trans, trans, 2,4-Decadienal	25152-84-5	trans, trans, 2,4-Nonadienal	5910-87-2
1,3-Dibromo-2-methoxy-4-methyl-5-nitrobenzene (Musk KS)	62265-99-0	2,4-Octadienal, trans, trans-	30361-28-5
1,3-Dibromo-4-methoxy-2-methyl-5-nitrobenzene (Musk alpha)	No CAS	Pentylidene cyclohexanone	25677-40-1
2,2-Dichloro-1-methylcyclopropylbenzene	3591-42-2	Peru balsam (exudation from Myroxylon pereirae (Royle) Klotzsch) (not extract or rectified or distilled)	8007-00-9
Diethyl maleate	141-05-9	Phenyl acetone (Methyl benzyl ketone)	103-79-7
Dihydroabietyl alcohol	26266-77-3	Phenyl benzoate	93-99-2
Dihydrocoumarin (Melilotine)	119-84-6	Pseudoionone (2,6-Dimethylundeca-2,6,8-trien-1-one)	141-10-6
2,4-Dihydroxy-3-methyl-benzaldehyde	6248-20-0	Pseudomethylionones	26651-96-7
4,6-Dimethyl-8-t-butyl coumarin (Butolia)	17874-34-9	Pseudomethylionones	72968-25-3
Dimethyl citraconate (cis-Methylbutenedioic acid, dimethyl ester)	617-54-9	Pseudomethylionones	1117-41-5
3,7-Dimethyl-2-octen-1-ol (6,7-Dihydrogeraniol)	40607-48-5	Quinoline	91-22-5
Diphenyl amine	122-39-4	Safrole, (directly added, not indirectly added from naturals)	94-59-7
Esters of 2-nonynoic acid, except methyl octine carbonate	Various	Isosafrole (directly added, not indirectly added from naturals)	120-58-1
Esters of 2-octynoic acid, except meth and allyl heptine carbonate		Dihydrosafrole (directly added, not indirectly added from naturals)	94-58-6
Ethyl acrylate	140-88-5	Santolina oil	84961-58-0
Ethylene glycol monoethyl ether	110-80-5	Savin Oil (Juniperus savina L.)	8024-00-8
Ethylene glycol monoethyl ether acetate	111-15-9	Styrax gums, crude (not extract or rectified or distilled)	8024-01-9
Ethylene glycol monomethyl ether	109-86-4	Styrax gums, crude (not extract or rectified or distilled)	8046-19-3
Ethylene glycol monomethyl ether acetate	110-49-6	Styrax gums, crude (not extract or rectified or distilled)	94891-27-7
Fig leaf absolute	68916-52-9	Styrax gums, crude (not extract or rectified or distilled)	94891-28-8
Fig leaf absolute	90028-74-3	Toluene (directly added, not indirectly added from naturals or as synthetic impurity)	108-88-3
Furfuryl alcohol	98-00-0	2,4-Undecadienal	13162-46-4
Furfurylideneacetone	623-15-4	trans, trans, 2,4-Undecadienal	30361-29-6
Geranyl nitrile	5146-66-7, 5585-39-7, 31983-27-4	Verbena oil	8024-12-2
		Verbena oil	85116-63-8

**FRAGRANCE PRODUCT INFORMATION SHEET**

**V. TSE/BSE CERTIFICATION:**

**WE CERTIFY** that the applicable ingredient is obtained from:

- |   |   |  |
|---|---|--|
| 1 - Synthetic source:   | YES <input checked="" type="checkbox"/> | NO <input type="checkbox"/>            |
| 2 - Botanical source:   | YES <input checked="" type="checkbox"/> | NO <input type="checkbox"/>            |
| a. If YES, are animal ingredients used in the process? and/or | YES <input type="checkbox"/>            | NO <input type="checkbox"/>            |
| b. Are animal derived* ingredients used?                      | YES <input type="checkbox"/>            | NO <input checked="" type="checkbox"/> |
| 3 - Animal source:  | YES <input type="checkbox"/>            | NO <input checked="" type="checkbox"/> |

*If the answer was YES to 1 - 2a, 2b, or 3, please complete the following:*

1 - Type of animal: Bovine  Ovine  Caprine  Other  (Please specify):

2 - Please specify which body part(s) is used:

3 - Country of origin:

4 - This ingredient is completely free of Specified Risk Material (SRM) as defined in the Annex to 98/16/EC\*\*:  
 YES  No

**OR**

5 - The process times and the process conditions used in the initial production of this ingredient are:  
 a. In accordance with the Annex to 98/16/EC: YES  No

\*animal derivatives include any of the following materials that may be derived from animal tissue: [tallow and tallow derivatives such as fatty acids, fatty acid esters, fatty alcohols fatty amines, fatty amides, soaps, and glycerol.](#)

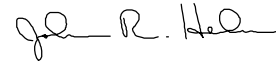
\*\* Specified Risk Material (SRM) as defined in Annex of Article 1 of 98/16/EC (5 March 1998)

**VI. VENDOR GUARANTEE**

IFF declares that the information contained in this survey will apply to all shipments of this product.

**VII. SIGNATURES**

John R. Helm – Sr. Regulatory Compliance Manager  
 Print Name and Title



Signature