

## MATERIAL INFORMATION SHEET

**INTERNAL CODE:** F9242  
**NAME:** FRANGIPANE 60731/SA  
**DATE OF FILLING:** 19/4/2017  
**REVISION:** 1

### 1. TECHNICAL SPECIFICATIONS

Internal Analysis Laboratory, Creasens S.r.l.

|                                   |                          |
|-----------------------------------|--------------------------|
| Physical Nature:                  | Liquid                   |
| Aspect (method CMA004):           | Limpid liquid            |
| Colour (method CMA005):           | Colorless to Pale Yellow |
| Odour (method CMA003):            | Characteristic           |
| Refraction Index (method CMA001): | 1.453 - 1.469            |
| Density (method CMA001):          | 0.960 - 1.040            |
| Flash Point (method CMA006):      | > 65 °C                  |

## 2. ALLERGENS

| NAME   | CAS        | QUANTITY [%] |
|--|------------|--------------|
| Amyl cinnamal                                | 122-40-7   | 0            |
| Evernia furfuracea (Treemoss) extract        | 90028-67-4 | 0            |
| Anise alcohol                                | 105-13-5   | 0            |
| Amylcinnamyl alcohol                         | 101-85-9   | 0            |
| Evernia prunastri (Oakmoss) extract          | 90028-68-5 | 0            |
| alpha-Isomethyl ionone                       | 127-51-5   | 0            |
| Methyl 2-octynoate                           | 111-12-6   | 0            |
| Butylphenyl methylpropional                  | 80-54-6    | 0            |
| Hydroxyisohexyl 3-cyclohexene carboxaldehyde | 31906-04-4 | 0            |
| Hydroxycitronellal                           | 107-75-5   | 0            |
| Hexyl cinnamal                               | 101-86-0   | 0            |
| Benzyl benzoate                              | 120-51-4   | 0,037        |
| Benzyl cinnamate                             | 103-41-3   | 0,018        |
| Benzyl alcohol                               | 100-51-6   | 0,006        |
| Geraniol                                     | 106-24-1   | 0,001        |
| Linalool                                     | 78-70-6    | 0,001        |
| Benzyl salicylate                            | 118-58-1   | 0,000        |
| Citronellol                                  | 106-22-9   | 0,000        |
| Eugenol                                      | 97-53-0    | 0,000        |
| Farnesol                                     | 4602-84-0  | 0,000        |
| Citral                                       | 5392-40-5  | 0,000        |
| Coumarin                                     | 91-64-5    | 0,000        |
| Limonene                                     | 5989-27-5  | 0,000        |
| Isoeugenol                                   | 97-54-1    | 0,000        |
| Cinnamyl alcohol                             | 104-54-1   | 0,000        |
| Cinnamal                                     | 104-55-2   | 0,000        |

### 3. IFRA

**Gattico (NO), Italy, 19/4/2017**

**We certify that the above compound is in compliance with the Standards of the INTERNATIONAL FRAGRANCE ASSOCIATION (IFRA), 48th Amendment to the IFRA Code of Practice (published April, 2015), provided it is used in the following class(es) at a maximum concentration level of:**

| <b>IFRA class(es) [see respective IFRA guidance for details]</b> | <b>Level of use (%)*</b> |             |
|--|--------------------------|-------------|
| Class 1  | 0                        | Not allowed |
| Class 2  | 2.5000                   | Limited     |
| Class 3.A  | 12.5000                  | Limited     |
| Class 3.B  | 12.5000                  | Limited     |
| Class 3.C  | 12.5000                  | Limited     |
| Class 3.D  | 12.5000                  | Limited     |
| Class 4.A  | 12.5000                  | Limited     |
| Class 4.B  | 12.5000                  | Limited     |
| Class 4.C  | 12.5000                  | Limited     |
| Class 4.D  | 12.5000                  | Limited     |
| Class 5  | 12.5000                  | Limited     |
| Class 6  | 0                        | Not allowed |
| Class 7.A  | 5.0000                   | Limited     |
| Class 7.B  | 5.0000                   | Limited     |
| Class 8.A  | 12.5000                  | Limited     |
| Class 8.B  | 12.5000                  | Limited     |
| Class 9.A  | 12.5000                  | Limited     |
| Class 9.B  | 12.5000                  | Limited     |
| Class 9.C  | 12.5000                  | Limited     |
| Class 10.A   | 12.5000                  | Limited     |
| Class 10.B   | 12.5000                  | Limited     |
| Class 11   | 100.0000                 | Admitted    |

\*Actual use level or maximum use level

For other kinds of application or use at higher concentration levels, a new evaluation may be needed; please contact CREASENS S.r.l.

#### **IFRA Restricted materials:**

**C00221 Anisaldehyde ( CAS 123-11-5 0,8280 %  
EINECS 204-602-6)**

Classes (Class Name: limit): ( Category 1: 0,1000 %; Category 2: 0,1300 %; Category 3: 0,5400 %; Category 4: 1,6100 %; Category 5: 0,8400 %; Category 6: 2,5300 %; Category 7: 0,2700 %; Category 8: 2,0000 %; Category 9: 5,0000 %; Category 10: 2,5000 %;)

**C01197 Canthoxal ( CAS 5462-06-6 0,8000 %  
EINECS 226-749-5)**

Classes (Class Name: limit): ( Category 1: 0,1700 %; Category 2: 0,2200 %; Category 3: 0,8900 %; Category 4: 2,6700 %; Category 5: 1,4000 %; Category 6: 4,2800 %; Category 7: 0,4500 %; Category 8: 2,0000 %; Category 9: 5,0000 %; Category 10: 2,5000 %;)

**C00972 hexyl 2-hydroxybenzoate ( CAS 6259-76-3 0,1680 %  
EINECS 228-408-6)**

Classes (Class Name: limit): ( Category 1: 1,0000 %; Category 2: 1,3000 %; Category 3: 5,3000 %; Category 4: 16,0000 %; Category 5: 8,4000 %; Category 6: 25,7000 %; Category 7: 2,7000 %; Category 8: 2,0000 %; Category 9: 5,0000 %; Category 10: 2,5000 %;)

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per qualsiasi ulteriore informazione rivolgersi a info@creasens.it

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**C20019 ROSE KETONES (VARIOUS SUBSTANCES) ( CAS EINECS ) 0,1600 %**

Classes (Class Name: limit):( Category 1: 0,0030 %; Category 2: 0,0040 %; Category 3: 0,0200 %; Category 4: 0,0200 %; Category 5: 0,0200 %; Category 6: 0,0700 %; Category 7: 0,0080 %; Category 8: 0,0200 %; Category 9: 0,0200 %; Category 10: 0,0200 %;)

**C20033 Rose Ketone-4 ( CAS 23696-85-7 EINECS 245-833-2) 0,0800 %**

Classes (Class Name: limit):( Category 1: 0,0030 %; Category 2: 0,0040 %; Category 3: 0,0200 %; Category 4: 0,0200 %; Category 5: 0,0200 %; Category 6: 0,0700 %; Category 7: 0,0080 %; Category 8: 0,0200 %; Category 9: 0,0200 %; Category 10: 0,0200 %;)

**C20036 Trans-Rose Ketone-1 ( CAS 24720-09-0 EINECS 246-430-4) 0,0800 %**

Classes (Class Name: limit):( Category 1: 0,0030 %; Category 2: 0,0040 %; Category 3: 0,0200 %; Category 4: 0,0200 %; Category 5: 0,0200 %; Category 6: 0,0700 %; Category 7: 0,0080 %; Category 8: 0,0200 %; Category 9: 0,0200 %; Category 10: 0,0200 %;)

**C01528 Peru balsam extracts and distillates ( CAS 8007-00-9 EINECS ) 0,0560 %**

Classes (Class Name: limit):( Category 1: 0,0300 %; Category 2: 0,0400 %; Category 3: 0,1000 %; Category 4: 0,4000 %; Category 5: 0,2000 %; Category 6: 0,7000 %; Category 7: 0,0700 %; Category 8: 0,4000 %; Category 9: 0,4000 %; Category 10: 0,4000 %;)

**ALL\_COSM005 Benzyl benzoate ( CAS 120-51-4 EINECS ) 0,0368 %**

Classes (Class Name: limit):( Category 1: 1,7000 %; Category 2: 2,2000 %; Category 3: 8,9000 %; Category 4: 26,7000 %; Category 5: 14,0000 %; Category 6: 42,8000 %; Category 7: 4,5000 %; Category 8: 2,0000 %; Category 9: 5,0000 %; Category 10: 2,5000 %;)

**ALL\_COSM006 Benzyl cinnamate ( CAS 103-41-3 EINECS ) 0,0181 %**

Classes (Class Name: limit):( Category 1: 0,1000 %; Category 2: 0,2000 %; Category 3: 0,7000 %; Category 4: 2,1000 %; Category 5: 1,1000 %; Category 6: 3,4000 %; Category 7: 0,4000 %; Category 8: 2,0000 %; Category 9: 5,0000 %; Category 10: 2,5000 %;)

**ALL\_COSM004 Benzyl alcohol ( CAS 100-51-6 EINECS ) 0,0065 %**

Classes (Class Name: limit):( Category 1: 0,2000 %; Category 2: 0,2000 %; Category 3: 0,9000 %; Category 4: 2,7000 %; Category 5: 1,4000 %; Category 6: 4,3000 %; Category 7: 0,4000 %; Category 8: 2,0000 %; Category 9: 5,0000 %; Category 10: 2,5000 %;)

**IFRA prohibited materials:**

**C01358 3-Methylcyclopentadecenone ( CAS 63314-79-4 EINECS 429-900-5) 0,1600 %**

Classes: ( Category 1; Category 6;)

#### 4. GROUP OF SUBSTANCES

##### Glycol ethers

##### Total Conc: 1,4080 %

|        |                |          |           |          |
|--------|----------------|----------|-----------|----------|
| C00772 | Ethoxydiglycol | 111-90-0 | 203-919-7 | 1,4080 % |
|--------|----------------|----------|-----------|----------|

##### Polycyclic musks

##### Total Conc: 2,2000 %

|        |                       |           |           |          |
|--------|-----------------------|-----------|-----------|----------|
| C00936 | Hexamethylindanopyran | 1222-05-5 | 214-946-9 | 2,2000 % |
|--------|-----------------------|-----------|-----------|----------|

##### Preservatives allowed in cosmetic products (with restrictions, see Annex V, reg. 1223/2009/CE)

##### Total Conc: 0,5181 %

|             |                 |          |           |          |
|-------------|-----------------|----------|-----------|----------|
| C01331      | Methyl benzoate | 93-58-3  | 202-259-7 | 0,5040 % |
| ALL_COSM004 | Benzyl alcohol  | 100-51-6 |           | 0,0065 % |
| 2321        | BENZOATO ETILE  | 93-89-0  | 202-284-3 | 0,0056 % |
| C00257      | Benzoic acid    | 65-85-0  | 200-618-2 | 0,0020 % |

For other kinds of application or use at higher concentration levels, a new evaluation may be needed; please contact CREASENS S.r.l.

CREASENS GROUP  
Regulatory Affairs Dept.

Disclaimer: This Certificate provides restrictions for use of the specified product based only on those materials restricted by IFRA Standards for the toxicity endpoint(s) described in each Standard. This Certificate does not provide certification of a comprehensive safety assessment of all product constituents.

## ANNEX: Definition of IFRA Classes

### Finished product types

**IFRA  
class(es)  
[see  
respective  
IFRA  
guidance for  
details]**

|  |            |
|--|------------|
| Lip Products of all types (solid and liquid lipsticks, balms, clear or colored, etc.) ,Toys ,Lip Wax, Body Wax Waxes for mechanical hair removal   | Class 1    |
| Deodorant and Antiperspirant Products of all types (pump spray, aerosol spray, stick, roll-on, under-arm and body, etc.) ,Fragranced Bracelets   | Class 2    |
| Hydroalcoholic Products applied to recently shaved skin  | Class 3.A  |
| Hydroalcoholic Products applied to recently shaved skin  | Class 3.B  |
| Eye Products of all types (eye shadow, mascara, eyeliner, eye make-up, etc.) including eye care ,Men's Facial Creams and Balms ,Baby Creams, Lotions, Oils ,Body Paint for Children  | Class 3.C  |
| Tampons  | Class 3.D  |
| Hydroalcoholic Products applied to unshaved skin ,Ingredients of Perfume Kits ,Scent Pads, Foil packs ,Scent Strips for hydroalcoholic products  | Class 4.A  |
| Hydroalcoholic Products applied to unshaved skin   | Class 4.B  |
| Hair Styling Aids Sprays of all types (pumps, aerosol sprays, etc.) ,Body Creams, Oils, Lotions of all types (except baby creams, lotions, oils) ,Fragrance Compounds for Cosmetic Kits ,Foot Care Products ,Hair deodorant ,Body Paint for Adults   | Class 4.C  |
| Fragrancing cream  | Class 4.D  |
| Women's Facial Creams/Facial Make-up ,Hand Cream ,Hand sanitizers ,Facial Masks ,Baby Powder and Talc ,Hair permanent and other hair chemical treatments (e.g. relaxers) but not hair dyes ,Wipes or Refreshing Tissues for Face, Neck, Hands, Body ,Dry Shampoo or Waterless Shampoo  | Class 5    |
| Mouthwash, including Breath Sprays ,Toothpaste   | Class 6    |
| Intimate Wipes ,Baby Wipes   | Class 7.A  |
| Insect Repellent (intended to be applied to the skin)  | Class 7.B  |
| Make-up Removers of all types (not including face cleansers) ,Hair Styling Aids Non-Spray of all types (mousse, gels, leave-in conditioners, etc.) ,Nail Care ,Powders and talcs (not including baby powders and talcs)  | Class 8.A  |
| Hair Dyes  | Class 8.B  |
| Conditioner (Rinse-Off) ,Liquid Soap ,Shampoos of all types (including baby shampoos) ,Face Cleansers of all types (washes, gels, scrubs, etc.) ,Shaving Creams of all types (stick, gels, foams, etc.) ,Depilatory ,Body Washes of all types (including baby washes) and Shower Gels of all types ,Bar Soap (Toilet Soap) ,Bath Gels, Foams, Mousses, Salts, Oils and Other Products added to bathwater   | Class 9.A  |
| Feminine hygiene - pads, liners ,Toilet paper ,Wheat bags  | Class 9.B  |
| Facial tissues ,Napkins ,Paper towels ,Other' Aerosols (incl. air freshener sprays and air freshener pump sprays, but not deodorants / antiperspirants, hair styling aids spray and animal sprays)   | Class 9.C  |
| Handwash Laundry Detergents of all types including concentrates ,Fabric Softeners of all types including fabric softener sheets ,Other Household Cleaning Products (fabric cleaners, soft surface cleaners, carpet cleaners, etc.) ,Machine Wash Laundry Detergents (liquids, powders, tablets, etc.) including laundry bleach and concentrates ,Hand Dishwashing Detergent including concentrates ,Hard Surface Cleaners of all types (bathroom and kitchen cleansers, furniture polish, etc.) ,Shampoo for pets ,Dry cleaning kits | Class 10.A |
| Diapers ,Toilet seat wipes   | Class 10.B |

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All non-skin contact ,Candles ,Air Fresheners and Fragrancing of all types (concentrated aerosol air fresheners, plug-ins, solid substrate, membrane delivery, ambient, electrical..) excluding aerosol products ,Air delivery systems ,Liquid refills for air fresheners (cartridge systems) ,Insecticides (mosquito coil, paper, electrical, for clothing etc.) excluding aerosols , Scent delivery system using a dry air technology that releases a fragrance without sprays, aerosols or heated oils (technology of nebulization) ,Air freshening crystals ,Toilet Blocks , Joss Sticks, Incense ,Machine only Laundry detergent (e.g. liquitabs)\*\*\* ,Plastic articles (excluding toys) ,Fuels ,Fragranced lamp ring ,Scent pack ,Paints ,Floor wax Scratch and Sniff (sampling technology) ,Cat litter ,Animal sprays (all types) ,Treated Textiles ( e.g. starch sprays, fabric treated with fragrances after wash, deodorizers for textiles or fabrics, tights with moisturizers) ,Shoe Polishes ,Deodorizers/Maskers not intended for skin contact (e.g. fabric drying machine deodorizers, carpet powders) ,or incidental skin contact Including: ,Pot pourri, fragrancing sachets, liquid refills for air fresheners (non-cartridge systems), Reed diffusers ,Machine dishwash detergent and deodorizers ,Odored distilled water ( that can be added to steam irons) ,Infused socks

Class 11