

Certificate of Analysis Jasmine Grandiflorum Absolute

Trade Name:

Jasmine Grandiflorum Absolute

Inci Name:

Cas No: Country of Origin: Batch No: Best Before End: 84776-64-7 India

January 2020

4276309

Einecs No: Country of Manufacture: Jasmin grandiflorum Flower Extract 283-993-5 India

Description:

Obtained by the ethanolic extraction of the concrete, itself produced by the solvent extraction of the flower of Jasmin grandiflorum.

| ANALYTICAL DETAILS | RANGE | RESULT |
|-----------------------------------|---------------------------------------|----------|
| APPEARANCE | Pale yellow | Conforms |
| ODOUR | Characteristic jasmine, floral, sweet | Conforms |
| REFRACTIVE INDEX @ 20°C | 1.480 – 1.499 | 1.484 |
| SPECIFIC GRAVITY @ 20°C (g/ml) | 0.946 – 0.970 | 0.961 |
| OPTICAL ROTATION @ 20°C (degrees) | +0.5° to +5.0° | +3.24° |
| FLASH POINT (°C) | 91°C | Conforms |

Storage:

Store in full, original, tightly closed container in a cool place, away from heat and direct sunlight.

To limit oxidation the contents of the container should all be used once opened. Otherwise the container should be tightly closed each time it is opened, and the oil re-tested before use.

Shelf Life:

Ultimately shelf life is dependant upon correct packaging and storage.



ALLERGENS

JASMINE GRANDIFLORUM ABSOLUTE

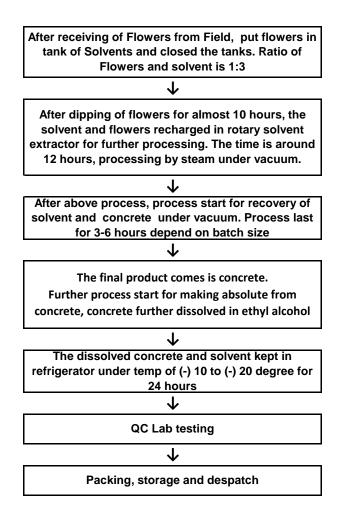
| Material | CAS Number | Total Allergen Inclusion Level (%) |
|--|------------|------------------------------------|
| ALPHA-ISOMETHYL IONONE | 127-51-5 | - |
| AMYL CINNAMAL | 122-40-7 | - |
| AMYL CINNAMYL ALCOHOL | 101-85-9 | - |
| ANISE ALCOHOL | 105-13-5 | - |
| BENZYL ALCOHOL | 100-51-6 | 3.000 |
| BENZYL BENZOATE | 120-51-4 | 25.000 |
| BENZYL CINNAMATE | 103-41-3 | - |
| BENZYL SALICYLATE | 118-58-1 | - |
| BUTYLPHENYL METHYLPROPIONAL | 80-54-6 | - |
| CINNAMAL | 104-55-2 | - |
| CINNAMYL ALCOHOL | 104-54-1 | - |
| CITRAL | 5392-40-5 | - |
| CITRONELLOL | 106-22-9 | - |
| COUMARIN | 91-64-5 | - |
| EUGENOL | 97-53-0 | 3.000 |
| EVERNIA FURFURACEA EXTRACT | 90028-67-4 | - |
| EVERNIA PRUNASTRI EXTRACT | 90028-68-5 | - |
| FARNESOL | 4602-84-0 | - |
| GERANIOL | 106-24-1 | - |
| HEXYL CINNAMAL | 101-86-0 | - |
| HYDROXYCITRONELLAL | 107-75-5 | - |
| HYDROXYISOHEXYL 3-CYCLOHEXENE CARBOXALDEHYDE | 31906-04-4 | - |
| ISO EUGENOL | 97-54-1 | - |
| LIMONENE | 5989-27-5 | - |
| LINALOOL | 78-70-6 | 10.000 |
| METHYL 2-OCTYNOATE | 111-12-6 | _ |

Revision Date: 05/02/2016 Revision: 0



PRODUCTION FLOW CHART

JASMINE GRANDIFLORUM ABSOLUTE



Revision Date: 25/05/2018 Revision: 0



STATEMENT ON GENETICALLY MODIFIED ORGANISMS

JASMINE GRANDIFLORUM ABSOLUTE

We confirm to the best of our knowledge that the above product sold by MADAR Corporation does not contain, nor has been produced with the aid of any genetically modified organism. In consequence, this product will not contain any detectable residues of protein or DNA resultant from genetic modification.

Date: 25/05/2018



IFRA CONFORMITY CERTIFICATE

JASMINE GRANDIFLORUM ABSOLUTE

We certify that the above material complies with the Standards of the International Fragrance Association (IFRA), amendment 48, published in June 2015, provided it is used in the following classes at a maximum concentration level of:

| Combined IFRA Category | Maximum level of use (% w/w) |
|------------------------|------------------------------|
| Class 1.A | 0.04 (See Note 1) |
| Class 1.B | 0.04 (See Note 1) |
| Class 2 | 0.05 |
| Class 3.A | 0.22 |
| Class 3.B | 0.22 |
| Class 3.C | 0.22 |
| Class 3.D | 0.22 |
| Class 4.A | 0.70 |
| Class 4.B | 0.70 |
| Class 4.C | 0.70 |
| Class 4.D | 0.70 |
| Class 5 | 0.40 |
| Class 6 | See Note 1 |
| Class 7.A | 0.10 |
| Class 7.B | 0.10 |
| Class 8.A | 1.50 |
| Class 8.B | 1.50 |
| Class 9.A | 5.00 |
| Class 9.B | 5.00 |
| Class 9.C | 5.00 |
| Class 10.A | 2.50 |
| Class 10.B | 2.50 |
| Class 11.A | 100.00 (See Note 2) |
| Class 11.B | 100.00 (See Note 2) |

For other kinds of applications a new evaluation may be needed.

The IFRA Standards regarding use restrictions are based on safety assessments by the Panel of Experts of the RESEARCH INSTITUTE FOR FRAGRANCE MATERIALS (RIFM) and are enforced by the IFRA Scientific Committee.

Evaluation of individual Fragrance ingredients is made according to the safety standards contained in the relevant section of the IFRA Code of Practice.

It is the ultimate responsibility of our customer to ensure the safety of the final product (containing this fragrance) by further testing if need be.

Note 1: It is recommended that any material used to impart perfume or flavour in products intended for human ingestion should consist of ingredients that are in compliance with appropriate regulations for foods and food flavourings in the countries of planned distribution.

Note 2: Trials must be performed to satisfy suitability for specified application

Revision Date: 26/05/2017

Revision: 2

ANNEX: Definition of IFRA Classes

| Finished product types | IFRA class |
|---|------------|
| Toys | Class 1A |
| Lip Products of all types (solid and liquid lipsticks, balms, clear or colored, lip wax etc), | |
| Waxes for mechanical hair removal | Class 1B |
| Deodorant and Antiperspirant products of all types (spray, stick, roll-on, under-arm and body etc) Fragranced bracelets | Class 2 |
| Hydroalcoholic products applied to recently shaved skin (EdT range) | Class 3.A |
| Hydroalcoholic products applied to recently shaved skin (fine fragrance range) | Class 3.B |
| Eye Products of all types (eye shadow, mascara, eyeliner, eye make-up, etc) | |
| Men's Facial Creams, Balms. | |
| Baby creams, Lotions, Oils | Class 3.C |
| Body paint for children | |
| Tampons | Class 3.D |
| Hydroalcoholic Products applied to unshaved skin (EdT range) | |
| Ingredients of Perfume Kits, Scent Strips for Hydroalcoholic Products. | Class 4.A |
| Hydroalcoholic Products applied to unshaved skin, Fine Fragrance range | Class 4.B |
| Hair Styling Aids Sprays of all types (pumps, aerosol sprays, etc). Hair Deodorant | |
| Body Creams, Oils, Lotions of all types (except baby creams, lotions, oils) | Class 4.C |
| Fragrance Compounds for Cosmetic Kits, Foot Care Products | |
| Fragrancing Creams of all types | Class 4.D |
| Women's Facial Creams/Facial Make-up/Facial Wipes. Facial Masks, Hand Cream, Baby Powder & Talc | |
| Hair permanent & other hair chemical treatments (e.g. relaxers) but not hair dyes | |
| Wipes or refreshing tissues for Face, Neck, Hands, Body | Class 5 |
| Dry shampoo or waterless shampoo | |
| Mouthwash, including breath sprays | |
| Toothpaste | Class 6 |
| Intimate Wipes, Baby Wipes | Class 7A |
| Insect repellent (intended to be applied to skin) | Class 7B |
| Make-up Removers of all types (not including face cleansers) | 0.0007.5 |
| Hair Styling Aids Non-Spray of all types (mousse, gels, leave-in conditioners etc) | Class 8A |
| Nail Care, all Powders & Talcs (NOT including baby powders and talcs) | |
| Hair dyes | Class 8B |
| Liquid Soap, Bar Soap (toilet soap), Depilatory, | 0.000 02 |
| Conditioner (rinse-off), Shampoos of all types (including baby shampoos) | |
| Face Cleansers of all types (washes, gels, scrubs, etc) Shaving Creams of all types (stick, gels, foams, | |
| Depilatory | Class 9.A |
| Body Washes of all types (including baby washes) and Shower Gels of all types | |
| Bath Gels, Foams, Mousses, Salts, Oils and other products added to bathwater | |
| Bar soap (Toilet soap) | |
| Feminine pads/Liners | |
| Toilet paper | Class 9.B |
| Wheat bags | Class 9.D |
| Facial tissues, Napkins, Paper towels | 1 |
| Aerosols (including air fresheners sprays but not including deodorant/antiperspirants, hair styling aids | Class 9.C |
| Hand wash/Machine Wash Laundry Detergents of all types (liquid, powder, tablet, etc) including Laundry Bleaches and concentrates | |
| Other Household Cleaning Products (fabric cleaners, soft surface cleaners, carpet cleaners etc), Dry | |
| Cleaning Kits | Class 10.A |
| Fabric Softeners of all types including softener sheets. Hand Dishwashing Detergent including | |
| Hard Surface Cleaners of all types (bathroom and kitchen cleansers, furniture polish etc), Shampoos | |
| Diapers. | |
| Toilet seat wipes | Class 10.B |

| All non-skin contact, including: Air Fresheners and fragrancing of all types (excluding aerosol products): concentrated aerosol air fresheners, plug-ins, solid substrate, membrane delivery; Toilet blocks; Joss Sticks, Incense; Insecticides (mosquito coil, paper, electrical, etcexcluding aerosols); Plastic articles (excluding toys); Candles; Fuels; Paints. Fragranced lamp ring. Scent pack. Floor wax Scent delivery system using a dry air technology that releases a fragrance without sprays, aerosols or heated oils (technology of nebulization). Air delivery systems. | Class 11.A |
|---|------------|
| All incidental skin contact, including: | |
| Machine Dish wash Detergents and Deodorizers. Machine only Laundry Detergents (e.g. liquitabs) | |
| Deodorizers/Maskers (e.g. fabric drying machine deodorizers, carpet powder) | |
| Pot pourri, fragrancing sachets, liquid refills for air fresheners, etc | Class 11.B |
| Shoe polishes; Cat Litter; Animal Sprays (excluding aerosols); Treated Textiles ; Odored Distilled Water | |
| Scratch and Sniff (sampling technology) | |
| Infused socks | |



SAFETY DATA SHEET JASMINE GRANDIFLORUM ABSOLUTE

| SECTION 1: Identification of the substance/mixture and of the company/undertaking | | |
|--|---|--|
| 1.1. Product identifier | | |
| Product name | JASMINE GRANDIFLORUM ABSOLUTE | |
| Product number | OAJASMGRAN | |
| CAS number | 84776-64-7 | |
| EC number | 283-993-5 | |
| 1.2. Relevant identified uses of | f the substance or mixture and uses advised against | |
| Identified uses | Concentrated material for manufacturing purposes only. | |
| 1.3. Details of the supplier of the | ne safety data sheet | |
| Supplier | MADAR Corporation Limited 19-20 Sandleheath Industrial Estate Fordingbridge Hampshire SP6 1PA +44 (0) 1425 655555 | |
| Contact person 1.4. Emergency telephone nur | Regulatory Manager nber | |
| Emergency telephone | +44 (0) 1425 655555 Office Hours are 09:00 - 16:30 weekdays only | |
| | | |
| SECTION 2: Hazards identifica | | |
| | ation | |
| SECTION 2: Hazards identifica | ation | |
| SECTION 2: Hazards identifica 2.1. Classification of the substa | ation | |
| SECTION 2: Hazards identifica 2.1. Classification of the substa Classification | ation ance or mixture | |
| SECTION 2: Hazards identifica 2.1. Classification of the substa Classification Physical hazards | ation ance or mixture Not Classified | |
| SECTION 2: Hazards identifica 2.1. Classification of the substa Classification Physical hazards Health hazards Environmental hazards Classification (67/548/EEC or 1999/45/EC) | ation ance or mixture Not Classified Skin Irrit. 2 - H315 Skin Sens. 1 - H317 Aquatic Chronic 2 - H411 | |
| SECTION 2: Hazards identifica 2.1. Classification of the substa Classification Physical hazards Health hazards Environmental hazards Classification (67/548/EEC or 1999/45/EC) 2.2. Label elements | ation ance or mixture Not Classified Skin Irrit. 2 - H315 Skin Sens. 1 - H317 Aquatic Chronic 2 - H411 Xi; R38. N; R51/53. R43 | |
| SECTION 2: Hazards identifica 2.1. Classification of the substa Classification Physical hazards Health hazards Environmental hazards Classification (67/548/EEC or 1999/45/EC) | ation ance or mixture Not Classified Skin Irrit. 2 - H315 Skin Sens. 1 - H317 Aquatic Chronic 2 - H411 | |

| Signal word | Warning |
|--|---|
| Hazard statements | H315 Causes skin irritation. H317 May cause an allergic skin reaction. H411 Toxic to aquatic life with long lasting effects. |
| Precautionary statements | P261 Avoid breathing vapour/spray. P264 Wash contaminated skin thoroughly after handling. P273 Avoid release to the environment. P280 Wear protective gloves/protective clothing/eye protection/face protection. P302+P352 IF ON SKIN: Wash with plenty of water. P333+P313 If skin irritation or rash occurs: Get medical advice/attention. |
| Contains | EUGENOL |
| Supplementary precautionary statements | P272 Contaminated work clothing should not be allowed out of the workplace. P321 Specific treatment (see medical advice on this label). P332+P313 If skin irritation occurs: Get medical advice/attention. P362+P364 Take off contaminated clothing and wash it before reuse. P391 Collect spillage. P501 Dispose of contents/container in accordance with national regulations. |
| 2.3. Other hazards | |

| SECTION 3: Composition/information on | ingredients | |
|---------------------------------------|---|--------|
| 3.2. Mixtures | | |
| BENZYL ACETATE | | 10-30% |
| CAS number: 140-11-4 | EC number: 205-399-7 | |
| Classification | Classification (67/548/EEC or 1999/45/EC) | |
| Aquatic Chronic 3 - H412 | R52/53 | |
| PHYTOL | | 10-30% |
| CAS number: 150-86-7 | EC number: 205-776-6 | |
| M factor (Acute) = 1 | M factor (Chronic) = 1 | |
| Classification | Classification (67/548/EEC or 1999/45/EC) | |
| Skin Irrit. 2 - H315 | Xi; R38. N; R50/53 | |
| Aquatic Acute 1 - H400 | | |
| Aquatic Chronic 1 - H410 | | |
| TETRAMETHYL-1-HEXADECEN-3-OL | | 5-10% |
| CAS number: 505-32-8 | EC number: 208-008-8 | |
| M factor (Acute) = 1 | | |
| Classification | Classification (67/548/EEC or 1999/45/EC) | |
| Skin Irrit. 2 - H315 | Xi; R38. N; R50/53 | |
| Aquatic Acute 1 - H400 | | |
| Aquatic Chronic 1 - H410 | | |

| LINALOOL | 1-5% | |
|---|--|--|
| CAS number: 78-70-6 | EC number: 201-134-4 | |
| Classification | Classification (67/548/EEC or 1999/45/EC) | |
| Skin Irrit. 2 - H315 | Xi; R36/38 | |
| Eye Irrit. 2 - H319 | | |
| EUGENOL | 1-5% | |
| CAS number: 97-53-0 | EC number: 202-589-1 | |
| Classification | Classification (67/548/EEC or 1999/45/EC) | |
| Eye Irrit. 2 - H319 | Xi; R36. R43 | |
| Skin Sens. 1B - H317 | | |
| INDOLE | 1-5% | |
| CAS number: 120-72-9 | EC number: 204-420-7 | |
| Classification | Classification (67/548/EEC or 1999/45/EC) | |
| Acute Tox. 4 - H302 | T; R24. Xn; R22 | |
| Acute Tox. 3 - H311 | | |
| The Full Text for all R-Phrases | and Hazard Statements are Displayed in Section 16. | |
| SECTION 4: First aid measure | S | |
| 4.1. Description of first aid mea | asures | |
| Inhalation | Move affected person to fresh air at once. Get medical attention if any discomfort continues. | |
| Ingestion | Rinse mouth thoroughly with water. Give plenty of water to drink. Get medical attention immediately. | |
| Skin contact | Remove contaminated clothing immediately and wash skin with soap and water. Get medical attention if symptoms are severe or persist after washing. | |
| Eye contact | Remove any contact lenses and open eyelids wide apart. Rinse immediately with plenty of water. Continue to rinse for at least 15 minutes. Get medical attention if any discomfort continues. | |
| 4.2. Most important symptoms | and effects, both acute and delayed | |
| General information | Persons suffering from asthma, eczema or skin problems should avoid contact, including dermal contact, with this product. See Section 11 for additional information on health hazards. | |
| 4.3. Indication of any immediate medical attention and special treatment needed | | |
| Notes for the doctor | No specific recommendations. | |
| SECTION 5: Firefighting meas | ures | |
| 5.1. Extinguishing media | | |
| Suitable extinguishing media | Extinguish with the following media: Foam, carbon dioxide or dry powder. | |
| Unsuitable extinguishing media | Water. | |

| 5.2. Special hazards arising from | om the substance or mixture | |
|---|---|--|
| Specific hazards | Toxic gases or vapours. | |
| 5.3. Advice for firefighters | | |
| Protective actions during firefighting | Containers close to fire should be removed or cooled with water. | |
| Special protective equipment for firefighters | Wear positive-pressure self-contained breathing apparatus (SCBA) and appropriate protective clothing. | |
| SECTION 6: Accidental release | e measures | |
| 6.1. Personal precautions, pro | tective equipment and emergency procedures | |
| Personal precautions | Wear suitable protective equipment, including gloves, goggles/face shield, respirator, boots, clothing or apron, as appropriate. No smoking, sparks, flames or other sources of ignition near spillage. | |
| 6.2. Environmental precaution | <u>s</u> | |
| Environmental precautions | Do not discharge into drains or watercourses or onto the ground. | |
| 6.3. Methods and material for | containment and cleaning up | |
| Methods for cleaning up | Keep combustible materials away from spillage. Eliminate all sources of ignition. Provide adequate ventilation. Contain and absorb spillage with sand, earth or other non-combustible material. The contaminated absorbent may pose the same hazard as the spilled material. Collect and place in suitable waste disposal containers and seal securely. Label the containers containing waste and contaminated materials and remove from the area as soon as possible. Wash thoroughly after dealing with a spillage. | |
| 6.4. Reference to other section | | |
| SECTION 7: Handling and sto | rage | |
| 7.1. Precautions for safe hand | ling | |
| Usage precautions | Wear protective clothing as described in Section 8 of this safety data sheet. Avoid contact with skin, eyes and clothing. | |
| Advice on general occupational hygiene | Do not eat, drink or smoke when using this product. Wash at the end of each work shift and before eating, smoking and using the toilet. | |
| 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 heat, sparks and open flame. Protect from freezing and direct sunlight. | |
| 7.3. Specific end use(s) | | |
| SECTION 8: Exposure Contro | Is/personal protection | |
| 8.1. Control parameters | | |

8.2. Exposure controls

Protective equipment







Appropriate engineering controls

Provide adequate ventilation.

| Eye/face protection | Eyewear complying with an approved standard should be worn if a risk assessment indicates eye contact is possible. The following protection should be worn: Chemical splash goggles or face shield. |
|---------------------------------|---|
| Hand protection | Chemical-resistant, impervious gloves complying with an approved standard should be worn if a risk assessment indicates skin contact is possible. |
| Other skin and body protection | Wear appropriate clothing to prevent any possibility of skin contact. Wear apron or protective clothing in case of contact. |
| Hygiene measures | No specific hygiene procedures recommended but good personal hygiene practices should always be observed when working with chemical products. |
| Respiratory protection | No specific recommendations. Respiratory protection may be required if excessive airborne contamination occurs. |
| Environmental exposure controls | Residues and empty containers should be taken care of as hazardous waste according to local and national provisions. |

SECTION 9: Physical and Chemical Properties

9.1. Information on basic physical and chemical properties

| | <u></u> | |
|-------------------------------------|--|--|
| Appearance | Liquid. | |
| Colour | Orange. to Brown. | |
| Odour | Characteristic. | |
| Flash point | 91°C | |
| Relative density | ~ 0.958 @ 20°C | |
| 9.2. Other information | | |
| Refractive index | ~ 1.489 @ 20°C | |
| SECTION 10: Stability and re | activity | |
| 10.1. Reactivity | | |
| 10.2. Chemical stability | | |
| Stability | Stable at normal ambient temperatures. | |
| 10.3. Possibility of hazardous | reactions | |
| Possibility of hazardous reactions | Will not polymerise. | |
| 10.4. Conditions to avoid | | |
| Conditions to avoid | Avoid heat, flames and other sources of ignition. | |
| 10.5. Incompatible materials | | |
| Materials to avoid | Strong oxidising agents. Strong acids. Strong alkalis. | |
| 10.6. Hazardous decompositi | 10.6. Hazardous decomposition products | |
| Hazardous decomposition products | Thermal decomposition or combustion may liberate carbon oxides and other toxic gases or vapours. | |
| | | |

| SECTION 11: Toxicological i | SECTION 11: Toxicological information | | | |
|--|--|--|--|--|
| 11.1. Information on toxicolo | 11.1. Information on toxicological effects | | | |
| Acute toxicity - oral | | | | |
| ATE oral (mg/kg) 66,666.67 | | | | |
| Acute toxicity - dermal | 50.000.07 | | | |
| ATE dermal (mg/kg) 52,666.67 | | | | |
| Skin contact Causes skin irritation. May cause sensitisation by skin contact. | | | | |
| Toxicological information on | | | | |
| | INDOLE | | | |
| Acute toxicity - | oral | | | |
| ATE oral (mg/kg | g) 1,000.0 | | | |
| Acute toxicity - dermal | | | | |
| ATE dermal (m | g/kg) 790.0 | | | |
| SECTION 12: Ecological Info | ormation | | | |
| Ecotoxicity | Toxic to aquatic life with long lasting effects. | | | |
| 12.1. Toxicity | | | | |
| Ecological information on ing | predients. | | | |
| | PHYTOL | | | |
| Acute aquatic to | oxicity | | | |
| LE(C)50 | $0.1 \le L(E)C50 \le 1$ | | | |
| M factor (Acute |) 1 | | | |
| Chronic aquatic | ; toxicity | | | |
| M factor (Chron | ic) 1 | | | |
| | TETRAMETHYL-1-HEXADECEN-3-OL | | | |
| Acute aquatic to | oxicity | | | |
| LE(C)50 | $0.1 \le L(E)C50 \le 1$ | | | |
| M factor (Acute |) 1 | | | |
| Chronic aquatic | ; toxicity | | | |
| NOEC | $0.01 \le NOEC \le 0.1$ | | | |
| Degradability | Rapidly degradable | | | |
| 12.2. Persistence and degradability | | | | |
| Persistence and degradability The product is expected to be biodegradable. | | | | |
| 12.3. Bioaccumulative potential | | | | |
| Bioaccumulative potential The product does not contain any substances expected to be bioaccumulating. | | | | |

12.4. Mobility in soil

| Mobility | The product is insoluble in water. | | |
|--|---|--|--|
| 12.5. Results of PBT and vPvB assessment | | | |
| Results of PBT and vPvB assessment | This product does not contain any substances classified as PBT or vPvB. | | |
| 12.6. Other adverse effects | | | |
| SECTION 13: Disposal consid | erations | | |
| 13.1. Waste treatment method | | | |
| Disposal methods | Dispose of waste product or used containers in accordance with local regulations | | |
| SECTION 14: Transport inform | nation | | |
| 14.1. UN number | | | |
| UN No. (ADR/RID) | 3082 | | |
| UN No. (IMDG) | 3082 | | |
| UN No. (ICAO) | 3082 | | |
| UN No. (ADN) | 3082 | | |
| 14.2. UN proper shipping nam | e | | |
| Proper shipping name (ADR/RID) | ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S. (CONTAINS PHYTOL, TETRAMETHYL-1-HEXADECEN-3-OL) | | |
| Proper shipping name (IMDG) | ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S. (CONTAINS PHYTOL, TETRAMETHYL-1-HEXADECEN-3-OL) | | |
| Proper shipping name (ICAO) | ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S. (CONTAINS PHYTOL, TETRAMETHYL-1-HEXADECEN-3-OL) | | |
| Proper shipping name (ADN) | ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S. (CONTAINS PHYTOL, TETRAMETHYL-1-HEXADECEN-3-OL) | | |
| 14.3. Transport hazard class(e | əs <u>)</u> | | |
| ADR/RID class | 9 | | |
| ADR/RID classification code | M6 | | |
| ADR/RID label | 9 | | |
| IMDG class | 9 | | |
| ICAO class/division | 9 | | |
| ADN class | 9 | | |
| Transport labels | | | |



14.4. Packing group

| ADR/RID packing group | Ш |
|-----------------------|-----|
| IMDG packing group | III |
| ADN packing group | III |
| ICAO packing group | Ш |
| | |

14.5. Environmental hazards

Environmentally hazardous substance/marine pollutant



14.6. Special precautions for user

| EmS | F-A, S-F | | |
|---|----------|--|--|
| ADR transport category | 3 | | |
| Emergency Action Code | •3Z | | |
| Hazard Identification Number (ADR/RID) | 90 | | |
| Tunnel restriction code | (E) | | |
| 14.7. Transport in bulk according to Annex II of MARPOL73/78 and the IBC Code | | | |

Transport in bulk according to Not applicable. Annex II of MARPOL 73/78 and the IBC Code

SECTION 15: Regulatory information

| EU legislation | 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 (as amended). | |
|----------------------------------|--|--|
| | Regulation (EC) No 1907/2006 of the European Parliament and of the Council of 18 December 2006 concerning the Registration, Evaluation, Authorisation and Restriction of Chemicals (REACH) (as amended). | |
| Guidance | Workplace Exposure Limits EH40. | |
| 15.2. Chemical safety assessment | | |

| Key literature references and sources for data | European Chemicals Agency, http://echa.europa.eu/ |
|---|---|
| Issued by | Regulatory Manager |
| Revision date | 08/06/2016 |
| Revision | 1 |

| Risk phrases in full | R22 Harmful if swallowed. R24 Toxic in contact with skin. R36 Irritating to eyes. R36/38 Irritating to eyes and skin. R38 Irritating to skin. R43 May cause sensitisation by skin contact. R50/53 Very toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment. R52/53 Harmful to aquatic organisms, may cause long-term adverse effects in the aquatic environment. |
|---------------------------|--|
| Hazard statements in full | H302 Harmful if swallowed. H311 Toxic in contact with skin. H315 Causes skin irritation. H317 May cause an allergic skin reaction. H319 Causes serious eye irritation. 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. H412 Harmful to aquatic life with long lasting effects. |

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 user's responsibility to satisfy himself as to the suitability of such information for his own particular use.



MATERIAL SPECIFICATION

JASMINE GRANDIFLORUM ABSOLUTE

| Analysis Description | Minimum Value | Maximum Value | Description |
|--------------------------|---------------|---------------|------------------------|
| Appearance | | | Clear viscous liquid |
| Colour | | | Orange / Brown |
| Odour | | | Jasmine, floral, sweet |
| Specific Gravity at 20°C | 0.946 | 1.185 | |
| Refractive Index at 20°C | 1.463 | 1.524 | |

Issue Date: 15/06/16 Shelf Life: 36 Months Revision: 2

Revision Date: 15/06/16

Shelf life of this product depends very much on storage conditions, particularly temperature and exposure to light and air. Shelf life must be considered as subjective; the shelf life given here is based on the best of our knowledge and experience of the material when stored under recommended conditions, see SDS, in original unopened containers. Due to the natural ingredients contained in many of our products, there may be a slight batch to batch variation in the colour, odour or consistency. However, we ensure that this does not affect the quality and efficacy of the the products in any way.



STATEMENT ON VEGAN SUITABILITY

JASMINE GRANDIFLORUM ABSOLUTE

We confirm to the best of our knowledge that the above product sold by MADAR Corporation does not contain any animal substances.

During production, storage and transport there is no contact with any extracts of animal origin.

We therefore declare that the product is suitable for vegans.

Date: 25/05/2018