



## Material Safety Data Sheet

EU Regulation: 1907/2006

### SECTION 1: IDENTIFICATION OF THE SUBSTANCE/MIXTURE AND OF THE COMPANY/UNDERTAKING

|   |  |               |           |                   |           |
|---|--|---------------|-----------|-------------------|-----------|
| <b>1.1<br/>PRODUCT IDENTIFICATION</b>                           |  |               |           |                   |           |
| <b>PRODUCT NAME</b>   | AMYRIS, ESSENTIAL OIL  |               |           |                   |           |
| <b>BIOLOGICAL DEFINITION</b>                                    | AMYRIS BALSAMIFERA BARK OIL IS THE VOLATILE OIL DISTILLED FROM THE BARK OF THE TREE, AMYRIS BALSAMIFERA, RUTACEAE. |               |           |                   |           |
| <b>INCI NAME</b>  | AMYRIS BALSAMIFERA BARK OIL  |               |           |                   |           |
| <b>SYNONYMS &amp; TRADE NAMES</b>                               | N/A  |               |           |                   |           |
| <b>INTERNAL PRODUCT CODE</b>                                    | K0024  |               |           |                   |           |
| <b>CAS-No</b>   | 8015-65-4 /<br>90320-49-3  | <b>EC No.</b> | 291-076-6 | <b>EINECS No.</b> | 291-076-6 |
| <b>1.2<br/>DETAILS OF THE SUPPLIER OF THE SAFETY DATA SHEET</b> |  |               |           |                   |           |
| <b>COMPANY ADDRESS</b>  | Essican Purelife<br>Unit 2A, Hollow wood road, Dover, Kent, CT17 0UB, England.                                     |               |           |                   |           |
| <b>EMAIL</b>  | SALES@PURELIFEUK.CO.UK   |               |           |                   |           |
| <b>1.3<br/>DETAILS OF THE SUPPLIER OF THE SAFETY DATA SHEET</b> |  |               |           |                   |           |
| <b>EMERGENCY CONTACTS</b>                                       | 01304 273111   |               |           |                   |           |

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| <b>SECTION 2: HAZARDS IDENTIFICATION</b>                       |   |
|--|---|
| <b>2.1<br/>CLASSIFICATION OF THE SUBSTANCE OR MIXTURE</b>      |   |
| <b>CLASSIFICATION (67/548/EEC)</b>                             | NO ADDITIONAL DATA AVAILABLE.   |
| <b>CLASSIFICATION (EU1272/2008)</b>                            | HAZARDOUS TO THE AQUATIC ENVIRONMENT - LONG-TERM HAZARD CATEGORY 3<br>H412, HARMFUL TO AQUATIC LIFE WITH LONG LASTING EFFECTS.                  |
| <b>2.2<br/>LABEL ELEMENTS</b>                                  |   |
|  | LABEL IN ACCORDANCE WITH REGULATION (EC) NO 1272/2008.  |
| <b>GHS LABEL</b>   | NONE.   |
| <b>SIGNAL WORD</b>   | NONE.   |
| <b>CONTAINS</b>  | NO ADDITIONAL DATA AVAILABLE.   |
| <b>HAZARDS STATEMENT</b>                                       | H412 HARMFUL TO AQUATIC LIFE WITH LONG LASTING EFFECTS.   |
| <b>SIGNAL WORD</b>   | NONE.   |
| <b>PRECAUTIONARY STATEMENTS</b>                                | P273, AVOID RELEASE TO THE ENVIRONMENT.<br>P501, DISPOSE OF CONTENTS/CONTAINER TO APPROVED DISPOSAL SITE, IN ACCORDANCE WITH LOCAL REGULATIONS. |
| <b>SUPPLEMENTARY PRECAUTIONARY STATEMENTS</b>                  | NONE.   |
| SECTION 16 (OTHER INFORMATION): RISK & SAFETY PHRASES IN FULL. |   |
| <b>2.3<br/>OTHER HAZARDS</b>                                   |   |
| <b>ADVERSE PHYSIO-CHEMICAL PROPERTIES</b>                      | NONE.   |
| <b>ADVERSE EFFECTS ON HUMAN HEALTH</b>                         | NONE.   |
| <b>PBT OR VPVB ACCORDING TO ANNEX XIII</b>                     | NONE  |
| <b>SECTION 3: COMPOSITION OF INGREDIENTS</b>                   |   |
| <b>3.1<br/>SUBSTANCES</b>                                      | <b>1.5% TRANS-NEROLIDOL</b> CAS. NO: 40716-66-3<br>CLASSIFICATION (EC 1272/2008): EDI 2-EH A1-EH C1;H319- H410,-                                |
| <b>3.2<br/>MIXTURES</b>  | NOT APPLICABLE.   |

| <b>SECTION 4: FIRST AID MEASURES</b>             |   |
|--|---|
| <b>4.1<br/>DESCRIPTION OF FIRST AID MEASURES</b> |   |
| <b>GENERAL INFORMATION</b>                       | ALWAYS REMOVE CONTAMINATED CLOTHING IMMEDIATELY.                                    |
| <b>INHALATION</b>                                | REMOVE FROM EXPOSURE SITE TO FRESH AIR, KEEP AT REST, AND OBTAIN MEDICAL ATTENTION. |

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|  |   |
|--|---|
| <b>INGESTION</b>   | RINSE MOUTH WITH WATER AND OBTAIN MEDICAL ATTENTION.  |
| <b>SKIN CONTACT</b>  | REMOVE CONTAMINATED CLOTHES. WASH THOROUGHLY WITH SOAP AND WATER. CONTACT PHYSICIAN IF IRRITATION PERSISTS. |
| <b>EYE CONTACT</b>   | FLUSH IMMEDIATELY WITH WATER FOR AT LEAST 15 MINUTES. CONTACT PHYSICIAN IF SYMPTOMS PERSIST.                |
| 4.2<br>MOST IMPORTANT SYMPTOMS & EFFECTS (ACUTE & DELAYED)                         | NONE EXPECTED, SEE SECTION 4.1 FOR FURTHER INFORMATION.   |
| 4.3<br>INDICATION OF ANY IMMEDIATE MEDICAL ATTENTION OR SPECIAL TREATMENT REQUIRED | NONE EXPECTED, SEE SECTION 4.1 FOR FURTHER INFORMATION.   |

## SECTION 5: FIRE FIGHTING MEASURES

|  |   |
|--|---|
| 5.1<br>EXTINGUISHING MATERIAL                                | FOAM, CO2, DRY CHEMICAL POWDER.   |
| 5.2<br>SPECIAL HAZARDS ARISING FROM THE SUBSTANCE OR MIXTURE | IN CASE OF FIRE, MAY BE LIBERATED: CARBON MONOXIDE, UNIDENTIFIED ORGANIC COMPOUNDS. |
| 5.3<br>ADVICE FOR FIRE-FIGHTERS                              | STANDARD. WEAR SELF-CONTAINED BREATHING APPARATUS IN CONFINED SPACES.               |


## SECTION 6: ACCIDENTAL RELEASE MEASURES

|   |   |
|---|---|
| 6.1<br>PERSONAL PRECAUTIONS                               | AVOID INHALATION. AVOID CONTACT WITH SKIN AND EYES. SEE PROTECTIVE MEASURES UNDER SECTION 7 AND 8   |
| 6.2<br>ENVIRONMENTAL PRECAUTIONS                          | DO NOT DISCHARGE INTO DRAINS, WATER COURSES OR ONTO THE GROUND. DISPOSE OF IN LINE WITH LOCAL AUTHORITY GUIDELINES.   |
| 6.3<br>METHODS & MATERIAL FOR CONTAINMENT AND CLEANING UP | REMOVE IGNITION SOURCES. PROVIDE ADEQUATE VENTILATION. AVOID EXCESSIVE INHALATION OF VAPOURS. CONTAIN SPILLAGE IMMEDIATELY BY USE OF SAND OR INERT POWDER. DISPOSE OF ACCORDING TO LOCAL REGULATIONS. |
| 6.4<br>REFERENCES TO OTHER SECTIONS                       | REFER & CONSIDER SECTION 8.<br>REFER & CONSIDER SECTION 13.   |

## SECTION 7: HANDLING & STORAGE

|   |  |
|---|--|
| 7.1<br>PRECAUTIONS FOR SAFE-HANDLING                                | HANDLE IN ACCORDANCE WITH GOOD HYGIENE AND SAFETY PRACTICE. KEEP AWAY FROM HEAT, SPARKS, OPEN FLAMES AND HOT SURFACES. - NO SMOKING. USE PERSONAL PROTECTIVE EQUIPMENT AS REQUIRED. USE IN ACCORDANCE WITH GOOD MANUFACTURING AND INDUSTRIAL HYGIENE PRACTICES. USE IN AREAS WITH ADEQUATE VENTILATION DO NOT EAT, DRINK OR SMOKE WHEN USING THIS PRODUCT. |
| 7.2<br>CONDITIONS FOR SAFE STORAGE, INCLUDING ANY INCOMPATIBILITIES | KEEP THE PRODUCT CONTAINER TIGHTLY CLOSED, IN A DRY, VENTILATED AREA. KEEP AWAY FROM POTENTIAL SOURCES OF IGNITION AND PROTECTED FROM LIGHT. MAINTAIN LIMITED CONTACT WITH OXYGEN.   |
| 7.3<br>SPECIFIC END USE(S)  | FLAVOURS, FRAGRANCES: USE IN ACCORDANCE WITH GOOD MANUFACTURING AND INDUSTRIAL HYGIENE.  |

## SECTION 8: EXPOSURE CONTROLS & PERSONAL PROTECTION

|   |  |
|---|--|
| 8.1<br>CONTROL PARAMETERS   | NONE.  |
| 8.2<br>EXPOSURE CONTROLS  |  |
|  |  |
| <b>EYE PROTECTION</b>   | WEAR PROTECTIVE GLOVES/EYE PROTECTION/FACE PROTECTION. |
| <b>HAND PROTECTION</b>  | WEAR PROTECTIVE GLOVES/EYE PROTECTION/FACE PROTECTION. |

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|                                       |   |
|---------------------------------------|---|
| <b>RESPIRATORY EQUIPMENT</b>          | UNDER NORMAL CONDITIONS OF USE AND WHERE ADEQUATE VENTILATION IS AVAILABLE TO PREVENT BUILD UP OF EXCESSIVE VAPOUR, THIS MATERIAL SHOULD NOT REQUIRE SPECIAL ENGINEERING CONTROLS. HOWEVER, IN CONDITIONS OF HIGH OR PROLONGED USE, OR HIGH TEMPERATURE OR OTHER CONDITIONS WHICH INCREASE EXPOSURE, THE FOLLOWING ENGINEERING CONTROLS CAN BE USED TO MINIMISE EXPOSURE TO PERSONNEL: A) INCREASE VENTILATION OF THE AREA WITH LOCAL EXHAUST VENTILATION. B) PERSONNEL CAN USE AN APPROVED, APPROPRIATELY FITTED RESPIRATOR WITH ORGANIC VAPOUR CARTRIDGE OR CANISTERS AND PARTICULATE FILTERS. C) USE CLOSED SYSTEMS FOR TRANSFERRING AND PROCESSING THIS MATERIAL. ALSO REFER TO SECTIONS 2 AND 7. |
| <b>HYGIENE MEASURES</b>               | GOOD PERSONAL HYGIENE PRACTICES ARE ALWAYS ADVISABLE, ESPECIALLY WHEN WORKING WITH CHEMICALS / OILS.  |
| <b>ENGINEERING MEASURES</b>           | NO ADDITIONAL DATA AVAILABLE.   |
| <b>SKIN PROTECTION</b>                | WEAR PROTECTIVE CLOTHING TO REDUCE THE RISK OF SKIN AND EYE CONTACT.  |
| <b>PERSONAL PROTECTION</b>            | AVOID INHALATION OF THE PRODUCT. AVOID CONTACT WITH SKIN AND EYES.  |
| <b>OTHER PROTECTION</b>               | WEAR SUITABLE PROTECTION TO AVOID CONTACT WITH SKIN AND EYES. DO NOT INHALE VAPOURS.  |
| <b>PROCESS CONDITIONS</b>             | ENSURE AREA IS WELL VENTILATED. AVOID VAPOUR INHALATION.  |
| <b>ENVIROMENTAL EXPOSURE CONTROLS</b> | AVOID DISCHARGING INTO DRAINAGE WATER.  |

## SECTION 9: PHYSICAL & CHEMICAL PROPERTIES

### 9.1 PHYSICAL & CHEMICAL PROPERTIES

|                                    |   |
|------------------------------------|---|
| <b>APPEARANCE</b>                  | VISCOUS LIQUID, PALE YELLOW TO YELLOW GOLD. |
| <b>COLOUR</b>                      | PALE YELLOW – GOLDEN YELLOW                 |
| <b>ODOUR</b>                       | CHARACTERISTIC – SWEET, WOODY               |
| <b>RELATIVE DENSITY</b>            | APPROX. 0.957 @20°C                         |
| <b>FLASH POINT (°C)</b>            | >100°C.                                     |
| <b>REFRACTIVE INDEX @ 20 °C</b>    | APPROX. 1.506 @20°C                         |
| <b>SOLUBILITY IN WATER @ 20 °C</b> | INSOLUBLE IN WATER                          |

### 9.2 OTHER INFORMATION

NO DATA.

## SECTION 10: STABILITY & REACTIVITY

|  |  |
|--|--|
| <b>10.1 REACTIVITY</b>                         | NOT APPLICABLE.  |
| <b>10.2 CHEMICAL STABILITY</b>                 | STABLE UNDER SUGGESTED STORAGE CONDITIONS (<15°C).   |
| <b>10.3 POSSIBILITY OF HAZARDOUS REACTIONS</b> | NO.  |
| <b>10.4 CONDITIONS TO AVOID</b>                | STORAGE AT HIGH TEMPERATURES. DO NOT STORE ABOVE 15°C.   |
| <b>10.5 INCOMPATIBLE MATERIALS</b>             | AVOID CONCENTRATED ACIDS, ALKALIS & OXIDISING AGENTS.  |
| <b>10.6 HAZARDOUS DECOMPOSITION PRODUCTS</b>   | THIS PRODUCT DOES NOT DECOMPOSE UNDER NORMAL CONDITIONS. UNDER FIRE CONDITIONS THE PRODUCT WILL PRODUCE A MIXTURE OF IRRITATING FUMES & SMOKE. |

## SECTION 11: TOXICOLOGICAL INFORMATION

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|  |  |
|--|--|
| <b>11.1 TOXICOLOGICAL EFFECTS</b>                |  |
| <b>ACUTE TOXICITY</b>                            | THIS MATERIAL DOES NOT MEET THE CRITERIA FOR CLASSIFICATION FOR HEALTH HAZARDS UNDER REGULATION (EC) NO 1272/2008.<br>ASSUMED TOXICITY VALUE (LD50 OR ATE) FOR ACUTE ORAL TOXICITY: N/A<br>ASSUMED TOXICITY VALUE (LD50 OR ATE) FOR ACUTE DERMAL TOXICITY: N/A ASSUMED TOXICITY VALUE (LC50 OR ATE) FOR ACUTE INHALATION TOXICITY: N/A INHALATION ROUTE: N/A<br>REFER TO SECTION 2 FOR ADDITIONAL INFORMATION. |
| <b>SKIN IRRITATION</b>                           | NOT APPLICABLE.  |
| <b>EYE DAMAGE OR IRRITATION</b>                  | NOT APPLICABLE.  |
| <b>RESPIRATORY OR SKIN SENSITIVITY</b>           | NOT APPLICABLE.  |
| <b>GERM CELL MUTAGENICITY</b>                    | NOT APPLICABLE.  |
| <b>CARCINOGENICITY</b>                           | NOT APPLICABLE.  |
| <b>REPRODUCTIVE TOXICITY</b>                     | NOT APPLICABLE.  |
| <b>STOT – SINGLE EXPOSURE</b>                    | NOT APPLICABLE.  |
| <b>STOT – REPEATED EXPOSURE</b>                  | NOT APPLICABLE.  |
| <b>ASPIRATION HAZARD</b>                         | NOT APPLICABLE.  |
| <b>OTHER INFORMATION</b>                         | NOT APPLICABLE.  |
| <b>SECTION 12: ECOLOGICAL INFORMATION</b>        |  |
| <b>12.1 TOXICITY</b>                             | HARMFUL TO AQUATIC LIFE WITH LONG LASTING EFFECTS.   |
| <b>12.2 PERSISTENCE &amp; DEGRADABILITY</b>      | NO DATA.   |
| <b>12.3 BIO- ACCUMULATIVE POTENTIAL</b>          | NONE.  |
| <b>12.4 MOBILITY IN SOIL</b>                     | NONE.  |
| <b>12.5 RESULTS OF PBT &amp; VPVB ASSESSMENT</b> | THIS SUBSTANCE DOES NOT MEET THE PBT/VPVB CRITERIA OF REACH, ANNEX XIII.   |
| <b>12.6 OTHER ADVERSE EFFECTS</b>                | DO NOT ALLOW PRODUCT TO ENTER STREAMS, SEWERS OR OTHER WATERWAYS.  |
| <b>SECTION 13: DISPOSAL INFORMATION</b>          |  |
| <b>13.1 WASTE TREATMENT METHODS</b>              | ALWAYS RECOVER SPILLED PRODUCT. DISCARD WASTE MATERIAL WITH AUTHORIZED WASTE MANAGEMENT SERVICES. ACT IN ACCORDANCE WITH LOCAL & NATIONAL WASTE REGULATIONS. .<br>AVOID DISPOSING INTO DRAINAGE SYSTEMS AND INTO THE ENVIRONMENT.  |

|  |   |
|--|---|
| <b>SECTION 14: TRANSPORT INFORMATION</b> |   |
| <b>14.1 TRANSPORT INFORMATION</b>        |   |
| <b>UN NUMBER</b>                         | <b>ROAD:</b> NOT CLASSIFIED<br><b>SEA:</b> NOT CLASSIFIED<br><b>AIR:</b> NOT CLASSIFIED |
| <b>14.2 UN Shipping Name</b>             | NOT APPLICABLE.   |
| <b>14.3</b>                              | NOT APPLICABLE.   |

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|   |   |
|---|---|
| <b>TRANSPORT HAZARD CLASS(ES)</b>   |   |
| <b>14.4<br/>PACKING GROUP</b>   | NOT APPLICABLE.   |
| <b>14.5<br/>ENVIROMENTAL HAZARDS</b>  | NOT ENVIRONMENTALLY HAZARDOUS FOR TRANSPORT.  |
| <b>14.6<br/>SPECIAL PRECAUTIONS FOR USER</b>  | SEE SECTIONS 6-8.   |
| <b>14.7<br/>TRANSPORT IN BULK ACCORDING TO ANNEX II OF MARPOL73/78 &amp; THE IBC CODE.</b>        | NOT APPLICABLE.   |
| <b>SECTION 15: REGULATORY INFORMATION</b>   |   |
| <b>15.1<br/>PRODUCT SPECIFIC SAFETY, HEALTH &amp; ENVIRONMENTAL REGULATIONS &amp; LEGISLATION</b> |   |
| <b>EU DIRECTIVES</b>  | REGULATION (EC) No 1907/2006 OF THE EUROPEAN PARLIAMENT AND OF THE COUNCIL OF 18 <sup>TH</sup> DECEMBER 2006. CONCERNING THE REGISTRATION, EVALUATION, AUTHORIZATION & RESTRICTION OF CHEMICALS (REACH), ESTABLISHING A EUROPEAN CHEMICALS AGENCY, AMENDING DIRECTIVE 1999/45/EC AND REPEALING COUNCIL REGULATION (EEC) No793/93 & COMMISSION REGULATION (EC) No1488/94 AS WELL AS COUNCIL DIRECTIVE 76/769/EEC & COMMISSION DIRECTIVE 91/155/ECC, 93/67/ECC, 93/105/EEC & 2000/21/EC (INCLUDING AMENDMENTS). |
| <b>STATUTORY INSTRUMENTS</b>  | THE CHEMICALS (HAZARD INFORMATION & PACKAGING FOR SUPPLY REGULATIONS 2009 (S.I.2009 No 716).  |
| <b>APPROVED CODE OF PRACTICE</b>  | CLASSIFICATION & LABELLING OF SUBSTANCES & PREPARATIONS DANGEROUS FOR SUPPLY. SAFETY DATA SHEETS FOR SUBSTANCES & PREPARATIONS.   |
| <b>GUIDANCE NOTES</b>   | WORKPLACE EXPOSURE LIMITS EH40. CHIP FOR EVERYONE HSG 108.  |
| <b>15.2<br/>CHEMICAL SAFETY ASSESSMENT</b>  | ASSESSMENT HAS NOT BEEN CARRIED OUT AS THIS IS A NON-HAZARDOUS MATERIAL ACCORDING TO ARTICLE 31 OF REACH 1907/2006.   |

|  |  |
|--|--|
| <b>SECTION 16: OTHER INFORMATION</b>   |  |
| <b>ENVIROMENTAL</b>  | H412 HARMFUL TO AQUATIC LIFE WITH LONG LASTING EFFECTS.  |
| <b>TRAINING INSTRUCTIONS: REFER TO POSSIBLE HAZARD BEFORE USE OF THIS PRODUCT.</b> |  |
| <b>ABBREVIATIONS &amp; ACRONYMS:</b>   |  |
| <b>MSDS</b>  | MATERIAL SAFETY DATA SHEET.  |
| <b>INCI</b>  | INTERNATIONAL NOMENCLATURE OF COSMETIC INGREDIENTS.  |
| <b>CAS</b>   | CHEMICAL ABSTRACT SERVICE.   |
| <b>IMDG</b>  | INTERNATIONAL MARITIME CODE FOR DANGEROUS GOODS.   |
| <b>ADR</b>   | ACCORD EUROPEAN SUR LE TRANSPORT DES MARCHANDISES DANGEREUSES PAR ROUTE (EUROPEAN AGREEMENT CONCERNING THE INTERNATIONAL CARRIAGE OF DANGEROUS GOODS BY ROAD). |
| <b>RID</b>   | INTERNATIONAL CARRIAGE OF DANGEROUS GOODS BY RAIL.   |
| <b>ICAO</b>  | INTERNATIONAL CIVIL AVIATION ORGANIZATION.   |
| <b>ADN</b>   | INTERNATIONAL CARRIAGE OF DANGEROUS GOODS BY INLAND WATERWAYS.   |
| <b>GHS</b>   | GLOBALLY HARMONIZED SYSTEM OF CLASSIFICATION & LABELLING OF CHEMICALS.   |
| <b>TREM CARD</b>   | TRANSPORT EMERGENCY CARD.  |
| <b>STOT</b>  | SPECIFIC TARGET ORGAN TOXICITY.  |

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**DOCUMENTATION REVISION**

| <b>DATE</b>                 | <b>CHANGE DESCRIPTION</b> |
|-----------------------------|---------------------------|
| 10 <sup>TH</sup> APRIL 2018 | DATA LAUNCH               |
| DECEMBER 2020               | REVIEW                    |
|                             |                           |

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## ALLERGEN 2023 DECLARATION

We hereby confirm that the following item contains the components listed below. Stated are the total levels added plus levels from natural ingredients. The information is supplied to enable compliance with Commission Regulation (EU) 2023/1545.

### K0024 Amyris Essential Oil

| Ingredient         | CAS  | EC  | Concentration (%) |
|--------------------|--|---|-------------------|
| Beta-Caryophyllene | 87-44-5                                      | 201-746-1                                     | 0.4%              |
| Limonene           | 138-86-3, 7705-14-8,<br>5989-54-8, 5989-27-5 | 205-341-0, 231-732-0,<br>227-815-6, 227-813-5 | 0.2%              |

Please note components <1ppm are not shown.

Regulatory Affairs Department

## CERTIFICATE OF CONFORMITY WITH IFRA STANDARDS

This Certificate assesses the conformity of the fragrance mixture with IFRA Standards and provides restrictions for use as necessary. It is based only on those materials subject to IFRA Standards for the toxicity endpoints described in each Standard.

This Certificate does therefore not replace a comprehensive safety assessment of the fragrance mixture.

### CERTIFYING PARTY:

Essican Purelife  
 Units 2A Hollow Wood Road  
 Dover  
 Kent  
 CT17 0UB

### SCOPE OF THE CERTIFICATE:

Amyris Essential Oil K0024

### COMPULSORY INFORMATION:

We certify that the above mixture is in compliance with the Standards of the INTERNATIONAL FRAGRANCE ASSOCIATION (IFRA), up to and including the 51st Amendment to the IFRA Code of Practice (published June 2023), provided it is used in the following categories at a maximum concentration level of:

| IFRA Categories [see Annex 1 below for details] | Maximum Level of use (%) |
|---|--------------------------|
| IFRA Category 1                                 | Not limited              |
| IFRA Category 2                                 | Not limited              |
| IFRA Category 3                                 | Not limited              |
| IFRA Category 4                                 | Not limited              |
| IFRA Category 5A                                | Not limited              |
| IFRA Category 5B                                | Not limited              |
| IFRA Category 5C                                | Not limited              |
| IFRA Category 5D                                | Not limited              |
| IFRA Category 6                                 | Not limited              |
| IFRA Category 7A                                | Not limited              |
| IFRA Category 7B                                | Not limited              |
| IFRA Category 8                                 | Not limited              |
| IFRA Category 9                                 | Not limited              |
| IFRA Category 10A                               | Not limited              |
| IFRA Category 10B                               | Not limited              |
| IFRA Category 11A                               | Not limited              |
| IFRA Category 11B                               | Not limited              |
| IFRA Category 12                                | Not limited              |

For other kinds of application or use at higher concentration levels, a new evaluation can be needed; please contact Essican Purelife

### ADDITIONAL INFORMATION ABOUT INGREDIENTS

Information about presence and concentration of fragrance ingredients subject to IFRA Limits in the fragrance mixture Amyris Essential Oil K0024 is as follows:

Does not contain any substances restricted by the current IFRA Standards.

Regulatory Affairs Department

**ANNEX 1**

Below is an extract of information provided by IFRA in relation to types of application present in each IFRA Category. Additional information about IFRA Categories can be found in the Guidance to IFRA Standards, issued by IFRA.

| IFRA Category     | Product Type  |
|-------------------|---|
| IFRA Category 1   | Lip Products of all types (solid and liquid lipsticks, balms, clear or colored, etc.); Childrens toys   |
| IFRA Category 2   | Deodorant and antiperspirant products of all types including any product with intended or reasonably foreseeable use on the axillae or labelled as such (spray, stick, roll-on, under-arm, deo-cologne, etc.); Body sprays (including body mist)  |
| IFRA Category 3   | Eye products of all types (eye shadow, mascara, eyeliner, eye make-up, eye masks, eye pillows, etc.) including eye care and moisturizer; Facial make up and foundation; Make-up remover for face and eyes; Nose pore strips; Wipes or refreshing tissues for face, neck, hands, body; Body and face paint (for children and adults); Facial masks for face and around the eyes  |
| IFRA Category 4   | Hydroalcoholic and nonhydroalcoholic fine fragrance of all types (Eau de Toilette, Parfum, Cologne, solid perfume, fragrancing cream, etc.), aftershaves of all types (except creams and balms ); Fragranced bracelets; Ingredients of perfume kits and fragrance mixtures for cosmetic kits; Scent pads, foil packs; Scent strips for hydroalcoholic products  |
| IFRA Category 5A  | Body creams, oils, lotions of all types; Foot care products (creams and powders); Insect repellent (intended to be applied to the skin); All powders and talc (excluding baby powders and talc)   |
| IFRA Category 5B  | Facial toner; Facial moisturizers and creams (including care products for beard and mustache)   |
| IFRA Category 5C  | Hand cream; Nail care products including cuticle creams, nail lacquer remover, etc.; Hand sanitizers  |
| IFRA Category 5D  | Baby cream/lotion, baby oil, baby powders and talc  |
| IFRA Category 6   | Toothpaste; Mouthwash, including breath sprays; Toothpowder, strips, mouthwash tablets  |
| IFRA Category 7A  | Hair permanent or other hair chemical treatments (rinse-off) (e.g., relaxers), including rinse-off hair dyes  |
| IFRA Category 7B  | Hair sprays of all types (pumps, aerosol sprays, etc.); Hair styling aids non sprays (mousse, gels, leave-on conditioners); Hair permanent or other hair chemical treatments (leave-on) (e.g., relaxers), including leave-on hair dyes; Shampoo - Dry (waterless shampoo); Hair deodorizer, hair perfume  |
| IFRA Category 8   | Intimate wipes; Intimate deodorant spray; Tampons; Baby wipes; Toilet paper (wet)   |
| IFRA Category 9   | Bar soap; Shampoo of all types; Cleanser for face (rinse-off); Conditioner (rinse-off); Liquid soap; Body washes and shower gels of all types; Baby wash, bath, shampoo; Bath gels, foams, mousses, salts, oils and other products added to bathwater (such as bath bombs); Foot care products (feet are placed in a bath for soaking); Shaving creams of all types (stick, gels, foams, etc.); All depilatories (including facial) and waxes for mechanical hair removal   |
| IFRA Category 10A | Hand wash laundry detergent (including concentrates); Laundry pre-treatment of all types (e.g. paste, sprays, sticks); Hand dishwashing detergent (including concentrates); Hard surface cleaners of all types (bathroom and kitchen cleansers, furniture polish, etc.); Machine laundry detergents with skin contact (e.g., liquids, powders) including concentrates; Toilet seat wipes; Fabric softeners of all types excluding fabric softener sheets; Household cleaning products, other types including fabric cleaners, soft surface cleaners, carpet cleaners, furniture polishes sprays and wipes, leather cleaning wipes, stain removers, fabric enhancing sprays, treatment products for textiles (e.g., starch sprays, fabric treated with fragrances after wash, deodorizers for textiles or fabrics); Floor wax; Fragranced oil for lamp ring, reed diffusers, pot-pourri, liquid refills for air fresheners (non-cartridge systems), etc.; Ironing water (Odorized distilled water); Dry cleaning kits (involving manual application on the textile)  |
| IFRA Category 10B | Animal sprays – sprays applied to animals of all types; Air freshener sprays, manual, including aerosol and pump; Aerosol/spray insecticides  |
| IFRA Category 11A | Feminine hygiene conventional pads, liners, interlabial pads; Baby diapers; Incontinence pant, pad; Toilet paper (dry)  |
| IFRA Category 11B | Tights with moisturizers; Scented socks, gloves; Facial tissues (dry tissues); Napkins; Pillow spray; Paper towels; Wheat bags; Facial masks (paper/protective) e.g., surgical masks not used as medical device; Fertilizers, solid (pellet or powder)  |
| IFRA Category 12  | Candles of all types (including encased); Laundry detergents for machine wash with minimal skin contact (e.g. Liquid tabs, pods); Automated air fresheners and fragrancing of all types (concentrated aerosol with metered doses (range 0.05-0.5mL/spray), plug-ins, closed systems, solid substrate, membrane delivery, electrical, powders, fragrancing sachets, incense, liquid refills (cartridge), air freshening crystals, solid non aerosol car diffuser); Air delivery systems; Cat litter; Cell phone cases; Deodorizers/maskers not intended for skin contact (e.g., fabric drying machine deodorizers, carpet powders); Dry cleaning kits (placed in the dryer); Dryer sheets and fabric softener sheets; Fuels; Insecticides (e.g., mosquito coil, paper, electrical, for clothing) excluding aerosols/sprays; Joss sticks or incense sticks; Dishwash detergent and deodorizers – for machine wash; Olfactive board games; Paints; Plastic articles (excluding toys); Scratch and sniff; Scent pack; Scent delivery system (using dry air technology); Shoe polishes; Rim blocks (toilet); Toilet gel; Scent beads |