# CERTIFICATE OF ANALYSIS

Product	Amyris Haiti
Product code	OEAMYR
Batch number	4439016
Best before end	July 2024
Odour	Characteristic
Appearance	Characteristic
SG at 20°C	0.963
RI at 20°C	1.507

<sup>!</sup>Issue date: 23/11/2018 Version: 1 (23/11/2018)

# **ALLERGEN DECLARATION**

We hereby confirm that the following item contains the ingredients listed below. Stated are the total levels added plus! levels from natural ingredients. The information is supplied to enable compliance with the Seventh Amendment to the EU! Cosmetics Directive (76/768/EEC) and the EU Detergents Directive (648/2004/EC).

# Amyris oil

Ingredient	CAS	EC	Concentration (%)
There are no allergens.			

Document Date:

December 2018

# **GMO STATEMENT**

We hereby certify that our Amyris oil, is free of genetically modified materials and components. No ingredients, additives or processing aids of GM origin are used in the processing of the oil.

# 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:**

MADAR Corporation Limited 19-20 Sandleheath Industrial Estate Fordingbridge Hampshire SP6 1PA United Kingdom

# **CERTIFICATE DELIVERED TO:**

# SCOPE OF THE CERTIFICATE:

Amyris oil

# **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 49th Amendment to the IFRA Code of Practice (published January 2020), 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 MADAR Corporation Limited

# ADDITIONAL INFORMATION ABOUT INGREDIENTS

Information about presence and concentration of fragrance ingredients subject to IFRA Limits in the fragrance mixture Amyris oil 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	Products applied to the lips: Lip products e.g. lipstick, lip balm; Childrens toys
IFRA Category 2	Products applied to the axillae: Deodorant and antiperspirant products of all types; Body sprays/mists
IFRA Category 3	Products applied to the face/body using fingertips: Eye products e.g. eye make-up, eye moisturizer; Facial make-up; Make-up remover; Nose pore strips; Wipes for face, neck, hands, body; Facial masks; Body and face paint
IFRA Category 4	Products related to fine fragrance: Hydroalcoholic and non-hydroalcoholic fine fragrance of all types e.g. Eau de Toilette, Parfum, Cologne, solid perfume, fragrancing cream, aftershaves of all types; Ingredients of perfume and fragrance mixtures for cosmetic kits; Scent pads; Scent strips
IFRA Category 5A	Body lotion products applied to the body using the hands (palms), primarily leave on: Foot care products e.g. creams, powders; Insect repellent for application to the skin; All powders and talc (excluding baby powders and talc)
IFRA Category 5B	Face moisturizer products applied to the face using the hands (palms), primarily leave on: Facial toner; Facial moisturizers and creams
IFRA Category 5C	Hand cream products applied to the hands using the hands (palms), primarily leave on: Hand cream; Nail care products including cuticle creams; Hand sanitizers
IFRA Category 5D	Baby creams, baby oils and baby talc: Baby cream/lotion, baby oil, baby powders and talc
IFRA Category 6	Products with oral and lip exposure: Toothpaste; Mouthwash, including breath sprays; Toothpowder, strips, mouthwash tablets
IFRA Category 7A	Rinse-off products applied to the hair with some hand contact: Hair permanent or other hair chemical treatments (rinse-off) e.g. relaxers, including rinse-off hair dyes
IFRA Category 7B	Leave-on products applied to the hair with some hand contact: Hair sprays of all types e.g. pumps, aerosol sprays; Hair styling aids non sprays e.g. mousse, 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
IFRA Category 8	Products with significant anogenital exposure: Intimate wipes; Tampons; Baby wipes; Toilet paper (wet)
IFRA Category 9	Products with body and hand exposure, primarily rinse off: Bar soap; Liquid soap; Shampoo of all type; Conditioner (rinse-off); Body washes and shower gels of all types; Baby wash, bath, shampoo; Bath gels, foams, mousses, salts, oils and other products added to bathwater; Cleanser for face (rinse-off); Shaving creams of all types e.g. stick, gels, foams; All depilatories (including facial) and waxes for mechanical hair removal; Foot care products (feet are placed in a bath for soaking); Shampoos for pets
IFRA Category 10A	Household care excluding aerosol / spray products: Hand wash laundry detergent; Laundry pre-treatment of all types e.g. paste, sprays, sticks; Machine laundry detergents with skin contact e.g. liquids, powders; Fabric softeners of all types including fabric softener sheets; Ironing water; Hand dishwashing detergent; Hard surface cleaners of all types e.g. bathroom, kitchen cleansers, furniture polish; Toilet seat wipes; Household cleaning products, other types including fabric cleaners, carpet cleaners, furniture polishes sprays and wipes, stain removers, treatment products for textiles e.g. starch sprays; Floor wax; Dry cleaning kits; Fragranced oil for lamp ring, reed diffusers, pot-pourri, liquid refills for air fresheners (non- cartridge systems), etc.
IFRA Category 10B	Household aerosol/spray products: Animal sprays applied to animals; Air freshener sprays, manual, including aerosol and pump; Aerosol/spray insecticides
IFRA Category 11A	Products with intended skin contact but minimal transfer of fragrance to skin from inert substrate without UV exposure: Feminine hygiene conventional pads, liners, interlabial pads; Diapers (baby and adult); Adult incontinence pant, pad; Toilet paper (dry)
IFRA Category 11B	Products with intended skin contact but minimal transfer of fragrance to skin from inert substrate with potential UV exposure: Tights with moisturizers; Scented socks, gloves; Facial tissues (dry tissues); Napkins; 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	Products not intended for direct skin contact, minimal or insignificant transfer to skin: Candles of all types ; Laundry detergents for machine wash with minimal skin contact (e.g. Liquid tabs, pods); Automated air fresheners and fragrancing of all types e.g. concentrated aerosol with metered doses, plug-ins, electrical, incense, liquid refills (cartridge); Air delivery systems; Cat litter; Cell phone cases; Deodorizers/maskers not intended for skin contact e.g. fabric drying machine deodorizers, carpet powders; 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)

# SAFETY DATA SHEET

In accordance with REACH Regulation EC No.1907/2006

Product:	Amyris Oil
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Version:

# Section 1. Identification of the substance or the mixture and of the supplier

1.1 Product Identifier

Product identifier:Amyris oil; CAS: 90320-49-3Other identifiers:Amyris Oil Haiti

### 1.2 Relevant identified uses of the substance of mixture and uses advised against

Product uses:

# 1.3 Details of the supplier of the safety data sheet

Company name: MADAR Corporation Limited

Company address: 19-20 Sandleheath Industrial Estate

Fordingbridge

Hampshire SP6 1PA

E-Mail address: technical@madarcorporation.co.uk

**Company phone:** +44 (0) 1425 655555

1.4 Emergency telephone number

**Emergency phone:** 

# Section 2. Hazards identification

# 2.1 Classification of the substance or mixture

#### Classification under Regulation (EC) No 1272/2008

Class and category of danger:	f Not classified according to GHS		
g	Classification under Directive 67/548/EEC		
Hazard symbols:	This material does not meet the criteria for classification under Directive 67/548/EEC		
Risk phrases:	None		
2.2 Label elements			
	Classification under Regulation (EC) No 1272/2008		
Signal word:	None		
Hazard statements:	None		
M factor:	None		

SAFETY DATA SHEET

Version: 1 (20/07/2015) In accordance with REACH Regulation EC No.1907/2006 Amyris Oil 1 Supplemental None None Precautionary

Issue date: 23/11/2018!

**Pictograms:** None Other hazards: None

#### Section 3. Composition / information on ingredients

#### 3.1 Substances

Product:

Version:

Information:

statements:

Product identifier: Amyris oil; CAS: 90320-49-3

#### Section 4. First-aid measures

#### 4.1 Description of first aid measures

Inhalation: Eye exposure:	Remove from exposure site to fresh air, keep at rest, and obtain medical attention. Flush immediately with water for at least 15 minutes. Contact physician if symptoms persist.	
Skin exposure:	Remove contaminated clothes. Wash thoroughly with soap and water. Contact physician if irritation persists.	
Ingestion:	Rinse mouth with water and obtain medical attention.	

#### 4.2 Most important symptoms and effects, both acute and delayed

None expected, see Section 4.1 for further information.

#### 4.3 Indication of any immediate medical attention and special treatment needed

None expected, see Section 4.1 for further information.

# **SECTION 5: Firefighting measures**

#### 5.1 Extinguishing media

Suitable media: Carbon dioxide, Dry chemical, Foam.

#### 5.2 Special hazards arising from the substance or mixture

In case of fire, may be liberated: Carbon monoxide, Unidentified organic compounds.

#### 5.3 Advice for fire fighters:

In case of insufficient ventilation, wear suitable respiratory equipment.

# SAFETY DATA SHEET

In accordance with REACH Regulation EC No.1907/2006

Product: Amyris Oil

Version:

### Section 6. Accidental release measures

### 6.1 Personal precautions, protective equipment and emergency procedures:

Avoid inhalation. Avoid contact with skin and eyes. See protective measures under Section 7 and 8.

#### 6.2 Environmental precautions:

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Keep away from drains, surface and ground water, and soil.

#### 6.3 Methods and 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 Reference to other sections:

Also refer to sections 8 and 13.

# Section 7. Handling and storage

#### 7.1 Precautions for safe handling:

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 Conditions for safe storage, including any incompatibilities:

Store in a well-ventilated place. Keep container tightly closed. Keep cool. Ground/bond container and receiving equipment. Use explosion-proof electrical, ventilating and lighting equipment. Use only non-sparking tools. Take precautionary measures against static discharge.

#### 7.3 Specific end use(s):

Use in accordance with good manufacturing and industrial hygiene practices.

# Section 8. Exposure controls/personal protection

# 8.1 Control parameters

Workplace exposure limits: Not Applicable

# 8.2 Exposure Controls

# Eye / Skin Protection

Wear protective gloves/eye protection/face protection

# **Respiratory Protection**

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.

Issue date: 23/11/2018! Version: 1 (20/07/2015)

# SAFETY DATA SHEET

In accordance with REACH Regulation EC No.1907/2006

Product: Amyris Oil

Version:

Also refer to Sections 2 and 7.

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### Section 9. Physical and chemical properties

### 9.1 Information on basic physical and chemical properties

Appearance:	SLIGHTLY VISCOUS LIQUID PALE YELLOW TO AMBER
Odour:	WOODY, REMINISCENT TO SANDALWOOD
pH:	Not determined
Initial boiling point / range:	Not determined
Flash point:	110 °C
Vapour pressure:	Not determined
Relative density:	Not determined
Solubility(ies):	Not determined
9.2 Other information:	None available

#### Section 10. Stability and reactivity

### 10.1 Reactivity:

Presents no significant reactivity hazard, by itself or in contact with water.

#### 10.2 Chemical stability:

Good stability under normal storage conditions.

#### 10.3 Possibility of hazardous reactions:

Not expected under normal conditions of use.

#### 10.4 Conditions to avoid:

Avoid extreme heat.

#### 10.5 Incompatible materials:

Avoid contact with strong acids, alkalis or oxidising agents.

#### 10.6 Hazardous decomposition products:

Not expected.

# Section 11. Toxicological information

#### 11.1 Information on toxicological effects

This material does not meet the criteria for classification for health hazards under Regulation (EC) No 1272/2008.

Assumed Toxicity Value (LD50 or ATE) for Acute Oral Toxicity:	Not Applicable
Assumed Toxicity Value (LD50 or ATE) for Acute Dermal Toxicity:	Not Applicable

# SAFETY DATA SHEET

In accordance with REACH Regulation EC No.1907/2006

Product:	Amyris Oil
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### Version:

# Assumed Toxicity Value (LC50 or ATE) for Acute Inhalation Toxicity:

### Inhalation Route:

Refer to Section 2 for additional information.

Section 12. Ecological information

Not Available

Not Available

12.1 Toxicity:	Not available
12.2 Persistence and degradability:	Not available
12.3 Bioaccumulative potential:	Not available

**12.4 Mobility in soil:** Not available

### 12.5 Results of PBT and vPvB assessment:

This substance does not meet the PBT/vPvB criteria of REACH, annex XIII.

12.6 Other adverse effects:

Not available

### Section 13. Disposal considerations

#### 13.1 Waste treatment methods:

Dispose of in accordance with local regulations. Avoid disposing into drainage systems and into the environment. Empty containers should be taken to an approved waste handling site for recycling or disposal.

# Section 14. Transport information

14.1 UN number:	Not classified
14.2 UN Proper Shipping Name:	Not classified
14.3 Transport hazard class(es):	Not classified
Sub Risk:	Not classified
14.4. Packing Group:	Not classified
14.5 Environmental hazards:	Not environmentally hazardous for transport
14.6 Special precautions for user:	None additional

14.7 Transport in bulk according to Annex II of MARPOL73/78 and the IBC Code:

Not classified

# Section 15. Regulatory information

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

None additional

# **15.2 Chemical Safety Assessment**

A Chemical Safety Assessment has not been carried out for this product.

# Section 16. Other information

# SAFETY DATA SHEET

In accordance with REACH Regulation EC No.1907/2006

Product: Amyris Oil

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Version:

Key to revisions:

Not applicable

#### Key to abbreviations:

Not applicable

The information in this safety data sheet is to the best of our knowledge true and accurate but all data, instructions, recommendations and/or suggestions are made without guarantee.

# **SPECIFICATION**

Product:	Amyris Oil
Country of origin:	Haiti.
Cas no	90320-49-3
Product Code:	OEAMYR
Odour:	Sweet, balsam, peppery, Guaiacwood
Appearance:	Pale to brownish yellow clear viscous liquid
Density @ 20°C:	0.946 – 0.978
R.I . @ n/20°C:	1.502 – 1.512

Updated CAB 29.11.15

# Vegetarian & Vegan Suitability Statement

PRODUCT NAME: Amyrs Essential Oil

MADAR Corporation Limited can confirm that the above listed product has not been tested in animals and does not contain dairy or any other animal product, by product or derivative and is therefore suitable for vegetarian and vegan use.