MYSTIC MOMENTS

CERTIFICATE OF ANALYSIS

Batch: 4471101
Best Before Date: May 2025

PIMENTO LEAF OIL

TEST		REQUIREMENT	RESULT
Appearance	:	Mid Yellow	
Odour	:	Warm,spicy	
Refractive index @ 20℃	:	1.5280 to 1.5380	
Specific gravity @ 20℃	:	1.0250 to 1.0555	

4471101

19-20 Sandleheath Industrial Estate, Fordingbridge, Hampshire, SP6 1PA, UK
Tel: 01425 655555 Email: technical@madarcorporation.co.uk

MYSTIC MOMENTS

8th October 2021

Product
Pimento Leaf Oil

We hereby confirm that due to the presence of 1-5% Methyl Eugenol the above material is considered as a potential Carcinogen and/or Mutagen

We hereby confirm that the above material's country of origin is Jamaica

MYSTIC MOMENTS

Technical Certificate

8th November 2021

Product

Pimento Leaf Oil

Please find below the manufacturing flow chart for the above material

Feedstock
↓
Steam distillation
↓
Oil Isolated
↓
Analysis
↓
Packing

This information is correct to the best of our knowledge and belief. It is for the customer to decide if the material is suitable for their intended use, Madar Corporation Limited cannot accept liability for loss, injury or damage which may result from the use of this material or the information above.

This certificate has been electronically generated; therefore, no signature is required.

MYSTIC MOMENTS

CERTIFICATE OF CONFORMITY OF FRAGRANCE MATERIALS WITH IFRA STANDARDS

This Certificate assesses the conformity of a 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 endpoint(s) described in each Standard.

SCOPE OF THE CERTIFICATE: **Pimento Leaf Oil**

COMPULSORY INFORMATION:

We certify that the above natural oil is in compliance with the Standards of the INTERNATIONAL FRAGRANCE ASSOCIATION (IFRA), up to and including the 50th Amendment to the IFRA Standards (published *June, 2021*), provided it is used in the following category(ies) at a maximum concentration level of:

IFRA Category(ies) [see Table 12 in Guidance for the use of IFRA Standards for details]	Level of use (%) *
Category 1	***0.010****
Category 2	***0.038***
Category 3	***0.005***
Category 4	***0.267***
Category 5A	***0.033***
Category 5B	***0.010***
Category 5C	***0.010***
Category 5D	***0.003***
Category 6	***0.023****
Category 7A	***0.010***
Category 7B	***0.010***
Category 8	***0.003***
Category 9	***0.015***
Category 10A	***0.015***
Category 10B	***0.053***
Category 11A	***0.003***
Category 11B	***0.003***
Category 12	***1.617***

**Actual use level or maximum use level. **IFRA recommends that fragrance blends containing materials not approved for flavour use are not used in category 1 or category 6 products*

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. This certificate is the responsibility of the fragrance supplier issuing it. It has not been prepared or endorsed by IFRA in anyway.

For other kinds of application or use at higher concentration levels, a new evaluation may be needed

(OPTIONAL INFORMATION):

Information about presence and concentration of fragrance ingredients subject to IFRA Standards in the natural oil (**Pimento Leaf Oil**) is as follows:

Materials under the scope of IFRA Standards:	**CAS number(s):**	**Recommendation from IFRA Standard:**	**Concentration (%) in natural complex substance**
Eugenol	*97-53-0*	*RESTRICTION*	*>90%*
Methyl Eugenol	*93-15-2*	*RESTRICTION*	*<6%*

This datasheet is prepared in accordance with EU regulations 1907/2006 as amended by 2015/830

Section 1 Identification of the mixture and of the company

1.1 Product Identifier

Name of material: Allspice, ext.

Botanical name : Pimenta officinalis

1.2 Relevant identified uses of the mixture and uses advised against

Fragrances and flavours

1.3 Details of the supplier of the safety data sheet

Madar Corporation Limited
19 - 20 Sandleheath Industrial Estate
Fordingbridge
SP6 1PA
UK

Tel: +44 (0)1425 655 555
technical"madarcorporation.co.uk

1.4 Emergency telephone number

+44 (0)1425 655 555 (office hours only)

Section 2 Hazards Identification

2.1 Classification of the substance or mixture

Classification according to Regulation (EC) No 1272/2008

Skin sensitization 1B
Eye irritation 2
Carcinogen 2
Mutagen 2
Aquatic chronic 3

2.2 Label elements

Symbols:

Signal word : Danger

Hazard statements : H317 May cause an allergic skin reaction
H319 Causes serious eye irritation
H341 Suspected of causing genetic defects
H351 Suspected of causing cancer
H412 Harmful to aquatic life with long lasting effects

Precaution statements : P280 Wear protective gloves/protective clothing/eye protection/face protection
P261 Avoid breathing dust/fume/gas/mist/vapours/spray
P272 Contaminated work clothing should not be allowed out of the workplace
P264 Wash thoroughly after handling
P273 Avoid release to the environment
P281 Use personal protective equipment as required
P302+352 IF ON SKIN: Wash with soap and water
P363 Wash contaminated clothing before reuse
P333+313 If skin irritation or a rash occurs: Get medical advice/attention
P305+351+338 IF IN EYES: Rinse continuously with water for several minutes. Remove contact lenses if present and easy to do - continue rinsing
P308+313 IF exposed or concerned: Get medical advice/attention
P501 Dispose of contents/container in accordance with local regulations

2.3 Other hazards

None known

Section 3 Composition/Information on Ingredients

3.1 Substance

Item is a multi-constituent substance

Identifiers:

Name of material: Allspice, ext.
Characterisation: Essential oils
CAS number: 84929-57-7
EC number: 284-540-4

Information on constituents present contributing to the hazard classification

Name	Percent	CAS	EC no	H phrases	Hazard abbreviations
2-methoxy-4-prop-2-enylphenol	>20%	97-53-0	202-589-1	H317, 319	Sen1B, Eye2
1,2-dimethoxy-4-prop-2-enylbenzene	1-5%	93-15-2	202-223-0	H302, 341, 351	AcT4, Car2, Mut2

Name	Percent	CAS	EC no	H phrases	Hazard abbreviations
(1R,4E,9S)-4,11,11-trimethyl-8-methylidenebicyclo[7.2.0]undec-4-ene	1-5%	87-44-5	201-746-1	H304, 317	Asp1, Sen1B

For full text of H phrases and hazard abbreviations see section 16

3.2 Mixtures - not applicable

Section 4 First Aid Measures

4.1 Description of first aid measures

4.1.1 General information

In case of accident or if you feel unwell, seek medical advice immediately (show label or SDS if possible).

Inhalation :	In the case of excessive inhalation move the exposed person to fresh air and keep at rest in a comfortable position. If symptoms persist get prompt medical attention.
Skin contact :	Avoid prolonged contact with skin. Remove/take off and wash all contaminated clothing. Wash off skin immediately with plenty of water, using soap if available. If there is any sign of tissue damage or persistent irritation, get medical advice.
Eye contact :	Rinse the eyes immediately with plenty of water. Remove any contact lenses. Rinse eyes holding eye lids open. Get medical attention.
Ingestion :	Rinse mouth with water. If they are conscious, have exposed person drink 200 ml of water. Do not induce vomiting. Obtain medical advice.

4.1.2 Extra information

Refer to section 4.1.1 to determine if any immediate medical attention is required; whether remove of the person to fresh air; or removal of shoes and clothing is recommended.

Delayed effects after exposure – Unknown

First aid responders should refer to section 2.2 for details of recommended personal protective equipment

4.2 Most important symptoms and effects, both acute and delayed

The most important symptoms and effects are described in section 2.2 (and on the label). Toxicological effects are described in section 11 of this data sheet.

4.3 Indication of immediate medical attention and special treatment needed

Treat symptomatically

Section 5 Firefighting measures

5.1 Extinguishing media

Extinguish with carbon dioxide, dry powder or foam
Do not use direct water jet

5.2 Special hazards arising from the substance or mixture

As a result of combustion or thermal decomposition dangerous products (CO, CO2, NOx) and toxic gases can be formed.

5.3 Advice for fire fighters

Wear self-contained breathing apparatus and full body protection
Cool containers exposed to fire with water spray
Collect contaminated fire extinguishing water separately, do not discharge into drains.

Section 6 Accidental release measures

6.1 Personal precautions, protective equipment and emergency procedures

Follow precautions for the safe handling of this material as described by this safety data sheet. Provide adequate ventilation. Avoid flames or other sources of ignition. Avoid inhalation of vapours. Avoid contact with skin and eyes.

6.2 Environmental precautions

Contain the spillage as far as possible. Do not allow any spillage to enter drains or local water courses. Notify the relevant authority if material contaminates either of these.

6.3 Methods and material for containment and cleaning up

Remove all sources of ignition, provide effective ventilation. Absorb material with inert, non-combustible material (sand, earth, vermiculite). Transfer to a suitable container for disposal. Dispose according to local/national regulation (see section 13).
Clean spill site after material disposal is complete.

6.4 Reference to other sections

See sections 8 and 13

Section 7 Handling and storage

7.1 Precautions for safe handling

Ensure that the working area is well ventilated. Maintain order and cleanliness. Fully control sources of ignition. Avoid contact with eyes and skin. Wear protective clothing and glasses. Do not breathe vapours. Clean all spillages immediately (see section 6).
Observe good hygiene practices. Do not eat, drink or smoke in work areas. Wash hands after use and before breaks. Remove any contaminated clothing and wash before reuse.

7.2 Conditions for safe storage, including an incompatibilities

Store in full, dry, airtight containers between 5 - 25℃, away from sources of heat and light

7.3 Specific end uses

Data not available.

Section 8 Exposure controls/personal protection

8.1 Control parameters

No specific exposure limits found

8.2 Exposure controls

General work place measures

Wear protective work clothing and footwear. Do not eat, drink or smoke whilst working. Ensure the working area is well ventilated. Provide access to emergency showers and eye wash stations.

Eye/face protection

Wear tightly fitting goggles.

Skin protection

Wear protective gloves of butyl-rubber composition >= 0.5 mm thickness.

Respiratory protection

If the working area is well ventilated, no specific respiratory protective equipment is required.

Environmental exposure controls

Do not allow material to enter drains or local water courses. Avoid subsoil penetration. If materials contaminate the local environment, contact the relevant authorities.

Section 9 Physical/chemical properties

9.1 Information on basic physical and chemical properties

Appearance:	Reddish amber to dark brown liquid.
Odour:	Warm,spicy
Odour threshold:	Data not available
pH:	Data not available
Melting point:	Data not available
Boiling point:	Data not available
Flash point:	>80℃
Evaporation rate:	Data not available
Flammability:	Data not available
Upper flammability limit:	Data not available
Lower flammability limit:	Data not available
Upper explosive limit:	Data not available
Lower explosive limit:	Data not available
Vapour pressure:	Data not available
Vapour density:	Data not available
Vapour density:	Data not available
Relative density:	1.039 @ 20℃
Solubility:	Data not available
Partition coefficient n-o:	Data not available
Auto ignition temperature:	Data not available
Decomposition temperature:	Data not available
Viscosity:	Data not available
Explosive properties:	Data not available
Oxidising properties:	Data not available

9.2 Other information

No relevent information available

Section 10 Stability and reactivity

10.1 Reactivity

This material is non-reactive under normal conditions of use and storage, see section 7

10.2 Chemical stability

This material is stable under normal conditions of use and storage, see section 7.

10.3 Possibility of hazardous reactions

When handled and stored under the conditions set out in section 7 it is not expected that will be any hazardous reactions leading to excessive temperatures or pressures.

10.4 Conditions to avoid

Heat, flames and sparks. Extremes of temperature. Direct sunlight

10.5 Incompatible materials

Oxidising agents, reducing agents, acids, bases, Nitric acid

10.6 Hazardous decomposition products

No specific products known. In the event of fire refer to section 5 for products of combustion.

Section 11 Toxicological information

11.1 Information on toxicological effects

Acute toxicity:	LD50 Oral Rat LD50 Dermal Rabbit	3600 mg/kg 2820 mg/kg
Skin corrosion/irritation:	Data not available	
Serious eye damage/irritation:	Data not available	
Respiratory or skin sensitisation:	Data not available	
Germ cell mutagenicity:	Data not available	
Carcingenicity:	Data not available	
Reproductive toxicity:	Data not available	
STOT - single exposure:	Data not available	
STOT - repeat exposure:	Data not available	
Aspiration hazard:	Data not available	

Section 12 Ecological information

12.1 Toxicity

Data not available

12.2 Persistance and degradability

Data not available

12.3 Bioaccumulative potential:

Data not available

12.4 Mobility in soil

Data not available

12.5 Results of PTB and vPvB assessment:

Data not available

12.6 Other adverse effects:

Data not available

Section 13 Disposal conditions

13.1 Waste treatment methods

Product - Treat any unused product as hazardous waste. Do not let product enter drains. Contact waste disposal services and dispose of material in accordance with local regulations.

Contaminated packaging - Treat packaging in the same manner as the product.

Section 14 Transport information

14.1 UN number: Not Restricted for Transport

14.2 Proper shipping name: -

14.3 Transport hazard class(es): -

14.4 Packing group: -

14.5 Environmental hazards: No

14.6 Special precautions for user: Tunnel Code (ADR) : ---

14.7 Transport in bulk according to Annex II of Marpol and the IBC code: Not applicable

Section 15 Regulatory information

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

Statutory instrument SI 2009 No 716 The Chemicals (Hazard Information and Packaging for Supply) Regulations 2009
Regulation 2037/2000 Substances that deplete the ozone layer : Not applicable
Regulation EC 689/2008 Concerning the import and export of dangerous chemicals : Not listed
Regulation EC 1907/2006 REACH : Not a candidate for authorisation

15.2 Chemical safety assessment

No data available

Section 16 Other information

Changes since the last update:

List of abbreviations used in section 2 to 15:

H302 : Harmful if swallowed
H304 : May be fatal if swallowed and enters airways
H317 : May cause an allergic skin reaction
H319 : Causes serious eye irritation
H341 : Suspected of causing genetic defects
H351 : Suspected of causing cancer
AcT4 : Acute toxicity 4
Asp1 : Aspiration toxicity 1
Car2 : Carcinogen 2
Eye2 : Eye irritation 2
Mut2 : Mutagen 2
Sen1B : Skin sensitization 1B

MYSTIC MOMENTS

SPECIFICATION

PIMENTO LEAF OIL	Iss date: 08/06/2007 Issue : 3

Appearance	:	Reddish amber to dark brown liquid.
Odour	:	Warm,spicy
Refractive Index @ 20°C	:	1.5280 to 1.5380
Specific Gravity @ 20°C	:	1.0250 to 1.0555

Printed: 08 October 2021

MYSTIC MOMENTS

Technical Data Sheet

PIMENTO LEAF OIL

Issue: 6

Botanical name : Pimenta officinalis

CAS number:	84929-57-7
EU number:	284-540-4
FEMA number:	2901
Molecular formula:	
Molecular mass:	
Annex VI ref:	
Reach registration:	
INCI name:	Pimenta Officinalis Leaf Oil
Flash point:	>80℃
Melting point:	Data not available
Boiling point:	Data not available
Heavy metals:	Material tested for heavy metals according to Quality Schedule. Not all batches tested. Quality schedule selects a representative number of batches for testing.
Pesticides:	Not tested
Natural status:	This material is natural according to EU Directive 1334/2008
Kosher status:	This material is suitable for Kosher, but not certified as such.
Halal status:	This material is suitable for Halal use but not certified as such.
Food grade status:	This material is food grade according with Article 14 of EU Directive 178/2002
GMO status:	Contains no modified material according to 1829/2003/EC and 1830/2003/EC
Palm oil status:	This material is free from Palm Oil, and Palm Oil Derivatives
Vegetarian status:	This material is suitable for Vegetarians and Vegans
Shelf life:	24 months when stored correctly
Storage:	Store in full, dry, airtight containers between 5 - 25℃, away from sources of heat and light
Food allergens:	This material is free from recognised food allergens as defined by EU regulation 1169/2011
TSE statement:	This material is of entirely botanic origin and therefore does not contain any animal derived material, neither has it been in contact with any animal derived material
Additives:	This material contains no additives
Food suitability:	This material is Generally Regarded As Safe for use in foods. This material contains Methyl Eugenol therefore this should be taken into account when using this material in flavours

Fragrance sensitisers (typical values):

None found:	
Amyl cinnamal:	
Benzyl alcohol:	
Cinnamyl alcohol:	
Citral:	
Eugenol:	90.05%
Hydroxycitronellal:	
Isoeugenol:	
Amylcinnamyl alcohol:	
Benzyl salicylate:	
Cinnamal:	
Coumarin:	
Geraniol:	
Anise alcohol:	
Benzyl cinnamate:	
Lyral:	
Farnesol:	
Lilial:	
Linalool:	
Benzyl benzoate:	
Hexyl cinnamal:	
Citronellol:	
Limonene:	
Methyl 2-octynoate:	
Alpha-isomethyl ionone:	
Oakmoss extract:	
Treemoss extract:	

With reference to point 4 of Article 14 EU 178/2002, this material should not be consumed independently, only as part of a larger
flavouring compound. It is for the user to decide the suitability and concentration of this material appropriate for its specific use.
With reference to point 5 of Article 14 EU 178/2002, this material has been sieved to < 2mm to eliminate extraneous matter, and will
not putrefy, deteriorate or decay to an unsafe level during the entirety of its shelf life.

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