

CERTIFICATE OF ANALYSIS

Batch Number: 4503001 DAVANA OIL

Best Before Date: APRIL 2026

TEST REQUIREMENT RESULT

Appearance : Mid orange

Odour : Strong, sweet, fruit like

Refractive index

@ 20℃

: 1.4850 to 1.4950

Specific gravity @ 20 ℃ : 0.9400 to 0.9990

The information in this Certificate of Analysis is, to the best of our knowledge, information and belief, correct and consistent with the state of technical information available at the date of issue. Madar Corporation Limited cannot however accept liability for any loss, injury and/or damage that results from use or misuse of the information herein. T



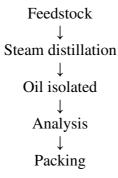
Technical Certificate

27th January 2022

Product

Davana Oil

Please find below the manufacturing flow chart for the above material



Certificate produced by Technical Department, for and on behalf of Augustus Oils Ltd

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, we 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.



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: Product: Davana Oil (Artemisia pallens)

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(les) [see Table 12 in Guidance for the use of IFRA Standards for details]	Level of use (%):*	
Category 1	No restriction	
Category 2	No restriction	
Category 3	No restriction	
Category 4	No restriction	
Category 5A	No restriction	
Category 5B	No restriction	
Category 5C	No restriction	
Category 5D	No restriction	
Category 6	No restriction	
Category 7A	No restriction No restriction	
Category 7B		
Category 8	No restriction	
Category 9	No restriction	
Category 10A	No restriction	
Category 10B	No restriction	
Category 11A	No restriction	
Category 11B	No restriction	
Category 12	No restriction	

^{*}Actual use level or maximum use level

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

<u>Disclaimer</u>: 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.



Information about presence and concentration of fragrance ingredients subject to IFRA Standards in this natural oil **Davana Oil** (*Artemisia pallens*) is as follows:

Materials under the scope of IFRA Standards:	CAS number(s):	Recommendation from IFRA Standard:	Concentration (%) in natural complex substance
-	-	-	-

<u>Disclaimer</u>: 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.



SAFETY DATASHEET

Print date: 10/01/2022

Date of issue: 11/03/2021

Issue: 4

DAVANA OIL

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: Artemisia pallens, ext.

Botanical name: Artemisia pallens

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 Fordingbrdige SP6 1PA

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

1.4 Emergency telephone number

+44 (0)1425 655 555

Section 2 Hazards Identification

2.1 Classification of the substance or mixture

Classification according to Regulation (EC) No 1272/2008

Aspiration toxicity 1

2.2 Label elements

Symbols:



Signal word : Danger

Hazard statements : H304 May be fatal if swallowed and enters airways

Precaution statements: P301+310 IF SWALLOWED: Immediately call a POISON CENTER or doctor/physician

P331 Do NOT induce vomiting

2.3 Other hazards

None known

Section 3 Composition/Information on Ingredients

3.1 Substance

Identifiers:

Name of material: Artemisia pallens, ext.

Characterisation: Essential oils CAS number: 8016-03-3 EC number: 295-155-6

Information on constituents present contributing to the hazard classification

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).

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: 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. If there is any sign of tissue

damage or persistent irritation, get prompt medical attention.

Ingestion: This substance may cause lung damage if swallowed, do not induce vomiting.

Rinse mouth with water. If they are conscious, have exposed person drink 200 ml

of water. Obtain immediate 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°C, 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: Brown to brownish orange liquid.

Odour: Strong, sweet, fruit like
Odour threshold: Data not available
pH: Data not available
Melting point: Data not available
Boiling point: Data not available

Flash point: 94°C

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: 0.968 @ 20°C 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: Data not available
Skin corrosion/irritation: Data not available
Serious eye Data not available

damage/irritation:

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:

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SPECIFICATION

015089 DAVANA OIL Issue : 2

Appearance : Brown to brownish orange liquid.

Odour : Strong, sweet, fruit like

Refractive Index @ 20°C : 1.4850 to 1.4950

Specific Gravity @ 20°C : 0.9400 to 0.9990

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Printed: 10 January 2022



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Technical Data Sheet

015089 DAVANA OIL Issue: 4

Botanical name: Artemisia pallens

CAS number: 8016-03-3 EU number: 295-155-6 FEMA number: 2359

Molecular formula: Molecular mass: Annex VI ref: Reach registration:

INCI name: Artemisia Pallens Flower Oil

Flash point: 94°C

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 certified Kosher

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: 36 months when stored correctly

Storage: Store in full, dry, airtight containers between 5 - 25°C, 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.

Fragrance sensitisers (typical values):

3	
None found:	
Amyl cinnamal:	
Benzyl alcohol:	
Cinnamyl alcohol:	
Citral:	
Eugenol:	
Hydroxycitronellal:	
Isoeugenol:	
Amylcinnamyl alcohol:	
Benzyl salicylate:	
Cinnamal:	
Coumarin:	
Geraniol:	
Anise alcohol:	
Benzyl cinnamate:	
Lyral:	
Farnesol:	
Lilial:	
Linalool:	
Benzyl benzoate:	
Hexyl cinnamal:	
Citronellol:	
Limonene:	0.50%
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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