



CERTIFICATE OF ANALYSIS

Product: Sandalwood Organic, 100% Pure and Natural

INCI Name: Santalum spicata wood oil

(syn: Fusanus spicatus wood oil)

CAS No: 8024-35-9/92875-02-0 EINECS No: 296-618-5

Countries of Origin: Australia

Batch Code: 4375507

Test	Specification	Result
Appearance	Clear viscous liquid	Complies
Colour	Almost colourless to yellow	Complies
Odour	Powerful, sweet top notes, woody smokey heart notes, warm and rich balsamic base	Complies
Specific Gravity at 20°C	0.945 – 0.98	0.955
Refractive Index at 20°C	1.5 – 1.517	1.505
Optical Rotation at 20°C	-16° to +4°	-2.5°
Solubility in 70% (v/v) ethanol at 20°C	Max 5.0 volumes	4
Acid Value	Max 5.0	2.7

Parameter	Specification (ISO)	% Concentration	ISO Method
E nerolidol	Stated not specified	2.3	ISO 22769
dendrolasin	Stated not specified	1.7	ISO 22769
beta bisabolol	Stated not specified	1.9	ISO 22769
Z-a-santalol	15 – 25	15.2	ISO 22769
epi-a-bisabolol	2 – 12.5	6.2	ISO 22769
z-a-(trans)-bergamotol	2 – 10	3.5	ISO 22769
epi-!3-santalol	0.5 – 3.5	1.4	ISO 22769
Z-!3-santalol	5 – 20	5.8	ISO 22769
Z-nuciferol	2 – 15	5.5	ISO 22769
<i>E, E farnesol</i>	2.5 – 15	13.6	ISO 22769
z-y-curcumen-12-ol	Stated not specified	5.5	ISO 22769
z-β-curcumen-12-ol	Stated not specified	7.6	ISO 22769
z-lanceol	1 – 10	3.8	ISO 22769
Terpenes	Stated not specified	4.8	ISO 22769

Storage: Keep tightly closed, in a cool dry place away from heat, sunlight and moisture. **Manufacture Date: October 2019**

Best Before: October 2022

Date Document Created: 14/05/2019



Shelf life of this product depends very much on storage conditions, particularly temperature and exposure to light and air.

Expiry date must be considered as subjective; the expiry date given here is based on the best of our knowledge and experience of the material when stored under recommended conditions 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 efficiency of the products in any way.

We hereby certify that the above material meets the required specification and is released for free sale.



DECLARATION of ALLERGENS

Product: Sandalwood Australian Organic

We hereby confirm that the above 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).

Ingredient	CAS	%
Farnesol	4602-84-0	<1.0



GMO Statement

PRODUCT NAME: Sandalwood Australian Organic

MADAR Corporation Limited can confirm that the above listed product is GMO Free.

06/03/2019



IFRA CONFORMITY CERTIFICATE

Product: West Australian sandalwood oil (*Santalum spicatum*)

INCI: Santalum spicata wood oil

We hereby certify that the above named material conforms to the IFRA 48 Code of Practise and contains the following restricted components also listed in the 48th Amendment of the IFRA Code of Practise, provided it is used in the following classes at a maximum concentration level of:

Restricted Component	CAS No.	% level in product	IFRA Standard
Farnesol	4602-84-0	Average 10%	Specification Std
			Specification Std
			Restriction Stds (QRA cat.)
			Restriction Stds (QRA cat.)
			Restriction Stds (QRA cat.)

IFRA CLASSES (see annex for details)	Max Level of use (%)
IFRA CLASS 1. A	0.6678%
IFRA CLASS 1. B	0.6678%
IFRA CLASS 2	0.9182%
IFRA CLASS 3. A	3.3389%
IFRA CLASS 3. B	3.3389%
IFRA CLASS 3. C	3.3389%
IFRA CLASS 3. D	3.3389%
IFRA CLASS 4. A	10.0167%
IFRA CLASS 4. B	10.0167%
IFRA CLASS 4. C	10.0167%
IFRA CLASS 4. D	10.0167%
IFRA CLASS 5	5.0083%
IFRA CLASS 6	16.6945%
IFRA CLASS 7. A	1.6694%
IFRA CLASS 7. B	1.6694%
IFRA CLASS 8. A	16.6945%
IFRA CLASS 8. B	16.6945%
IFRA CLASS 9. A	41.7362%
IFRA CLASS 9. B	41.7362%
IFRA CLASS 9. C	41.7362%
IFRA CLASS 10. A	20.8681%
IFRA CLASS 10. B	20.8681%
IFRA CLASS 11. A	100.0000%
IFRA CLASS 11. B	100.0000%

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 following 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

For other kinds of application or use at higher concentration levels, 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 per 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.

Regulatory Affairs

Annex: Definition of IFRA Classes

Finished product types	IFRA Classes
Lip Products of all types (solid and liquid lipsticks, balms, clear or coloured, etc.); Children's Toys	IFRA Class 1 A
Waxes for mechanical hair removal	IFRA Class 1 B
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 and body spray, etc.); Nose pore strips; Fragranced Bracelets	IFRA Class 2
Hydroalcoholic Products Applied to Recently Shaved Skin (includes After Shave) (Edt range)	IFRA Class 3. A
Hydroalcoholic Products Applied to Recently Shaved Skin (includes After Shave) (Fine fragrance range)	IFRA Class 3. B
Eye Products of all types (eye shadow, mascara, eyeliner, eye make-up, etc.) including eye care; Men's Facial Creams and Balms; Baby Creams, Lotions, Oils; Body Paint for Children	IFRA Class 3. C
Tampons	IFRA Class 3. D
Hydroalcoholic Products applied to unshaved skin (includes aqueous based, alcoholic based and hydroalcoholic) like Cologne, eau de cologne, Eau de Parfum or Parfum (Edt range); Ingredients of Perfume Kits; Scent Pads, Foil packs; Scent Strips for hydroalcoholic products	IFRA Class 4. A
Hydroalcoholic Products applied to unshaved skin (includes aqueous based, alcoholic based and hydroalcoholic) like Cologne, eau de cologne, Eau de Parfum or Parfum (Fine fragrance range)	IFRA Class 4. B
Hair Styling Aids Sprays of all types (pumps, aerosol sprays, etc.); Body Creams, Oils, Lotions of all types (except baby creams, lotions and oils); Body sprays (including Body Mist) with no intended or reasonably foreseeable use on the axillae; Fragrance Compounds for Cosmetic Kits; Foot Care Products; Hair deodorant; Body Paint (except those for children)	IFRA Class 4. C
Fragrancing Cream; Solid perfumes	IFRA Class 4. D
Women's Facial Creams/Facial Make-up; Hand Cream; Hand sanitizers; Facial Masks; Baby Powder and Talc; Hair Permanent and other hair chemical treatments (e.g. relaxers) but not hair dyes; Wipes or Refreshing Tissues for Face, Neck, Hands, Body; Dry Shampoo or Waterless Shampoo	IFRA Class 5
Mouthwash, including Breath Sprays; Toothpaste	IFRA Class 6
Intimate Wipes; Baby Wipes	IFRA Class 7. A



Insect Repellent (intended to be applied to the skin)	IFRA Class 7. B
Make-up Removers of all types (not including face cleansers); Hair Styling Aids Non-Spray of all types (mousse, gels, leave-in conditioners, etc.); Nail Care; Powders and talcs, all types (except baby powders and talcs)	IFRA Class 8. A
Hair Dyes	IFRA Class 8. B
Conditioner (Rinse-Off); Liquid Soap; Shampoos of all types (including baby shampoos); Face Cleansers of all types (washes, gels, scrubs, etc.); Shaving Creams of all types (stick, gels, foams, etc.); All Depilatories (including waxes for mechanical hair removal); Body Washes of all types (including baby washes) and Shower Gels of all types; Bar Soap (Toilet Soap); Bath Gels, Foams, Mousses, Salts, Oils and Other Products added to bathwater	IFRA Class 9. A
Feminine hygiene - pads, liners; Toilet paper; Wheat bags	IFRA Class 9. B
Facial tissues; Napkins; Paper towels; Other Aerosols (including air freshener sprays and air freshener pump sprays, but not including deodorants/antiperspirants, hair styling aids sprays); Fragranced Face Masks (not intended to be used as medical device)	IFRA Class 9. C
Handwash Laundry Detergents of all types including concentrates; Fabric Softeners of all types including fabric softener sheets; Household Cleaning Products, Other Types (fabric cleaners, soft surface cleaners, carpet cleaners, etc.); Machine Wash Laundry Detergents (liquids, powders, tablets, etc.) including laundry bleach and concentrates; Hand Dishwashing Detergent including concentrates; Hard Surface Cleaners of all types (bathroom and kitchen cleansers, furniture polish, etc.); Shampoos for pets; Dry cleaning kits; Scented gloves, socks, tights with moisturizers	IFRA Class 10. A
Diapers; Toilet seat wipes	IFRA Class 10. B
All non-skin contact, including: Air Fresheners and fragrancing of all types (excluding 'other' aerosol products): concentrated aerosol air fresheners, plug-ins, solid substrate, membrane delivery, ambient, electrical; Toilet blocks; Joss Sticks, Incense; Insecticides (mosquito coil, paper, electrical, for clothing etc... excluding aerosols); Air delivery systems; Liquid refills for air fresheners (cartridge systems); Scent delivery system using a dry air technology that releases a fragrance without sprays, aerosols or heated oils (technology of nebulization); Air freshening crystals; Plastic articles (excluding toys); Candles; Fuels; Paints; Floor wax; Fragranced lamp ring; Scent pack; Machine only Laundry detergent (e.g. liquitabs)	IFRA Class 11. A
All incidental skin contact, including: Machine Dishwash Detergents and Deodorizers. Deodorizers/Maskers not intended for skin contact e.g. fabric drying machine deodorizers, carpet powders); Scratch and Sniff (sampling technology); Pot pourri; fragrancing sachets; liquid refills for air fresheners (non-cartridge systems); Reed diffusers; Shoe polishes; Cat Litter; Animal Sprays (all types); Treated Textiles (e.g. starch sprays, fabric treated with fragrances after wash, deodorizers for textiles or fabrics, tights with moisturizers); Odoured Distilled Water (that can be added to steam irons); Infused socks	IFRA Class 11. B

Date Document Created: 16 January 2019

SECTION 1: Identification of the substance/mixture and of the company/undertaking

1.1. Product identifier

Product form	: Substance
Substance name	: Sandalwood Australian Organic Essential Oil
Chemical name	: Santalum spicatum
EC-No.	: 296-618-5
CAS-No.	: 8024-35-9
Synonyms	: Fusanus spicatus / Eucarya spicata / Sandalwood oil – W.A. / Western Australian Sandalwood Oil

1.2. Relevant identified uses of the substance or mixture and uses advised against

1.2.1. Relevant identified uses

Industrial/Professional use spec	: Industrial For professional use only
Use of the substance/mixture	: Cosmetics

1.2.2. Uses advised against

No additional information available

1.3. Details of the supplier of the safety data sheet

No additional information available

1.4. Emergency telephone number

No additional information available

SECTION 2: Hazards identification

2.1. Classification of the substance or mixture

Classification according to Regulation (EC) No. 1272/2008 [CLP]

Skin corrosion/irritation, Category 2	H315
Serious eye damage/eye irritation, Category 2	H319
Skin sensitisation, Category 1	H317
Hazardous to the aquatic environment — Chronic Hazard, Category 2	H411
Full text of H statements	: see section 16

Adverse physicochemical, human health and environmental effects

No additional information available

2.2. Label elements

Labelling according to Regulation (EC) No. 1272/2008 [CLP]

Hazard pictograms (CLP)



GHS07

GHS09

Signal word (CLP)

: Warning

Hazard statements (CLP)

: H315 - Causes skin irritation.
H317 - May cause an allergic skin reaction.
H319 - Causes serious eye irritation.
H411 - Toxic to aquatic life with long lasting effects.

Precautionary statements (CLP)

: P264 - Wash hands, forearms and face thoroughly after handling.
P272 - Contaminated work clothing should not be allowed out of the workplace.
P273 - Avoid release to the environment.
P280 - Wear protective clothing, eye protection, face protection.
P302+P352 - IF ON SKIN: Wash with plenty of soap and water.
P305+P351+P338 - IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.
P333+P313 - If skin irritation or rash occurs: Get medical advice/attention.
P337+P313 - If eye irritation persists: Get medical advice/attention.
P362+P364 - Take off contaminated clothing and wash it before reuse.
P391 - Collect spillage.
P501 - Dispose of contents to hazardous or special waste collection point, in accordance with local, regional, national and/or international regulation.

2.3. Other hazards

No additional information available

Sandalwood Australian Organic Essential Oil

Safety Data Sheet

according to Regulation (EC) No. 1907/2006 (REACH) with its amendment Regulation (EU) 2015/830

SECTION 3: Composition/information on ingredients

3.1. Substances

Name	Product identifier	%
Sandalwood Australian Organic Essential Oil	(CAS-No.) 8024-35-9 (EC-No.) 296-618-5	100

Full text of H-statements: see section 16

3.2. Mixtures

Not applicable

SECTION 4: First aid measures

4.1. Description of first aid measures

First-aid measures general	: Never give anything by mouth to an unconscious person. If you feel unwell, seek medical advice (show the label where possible).
First-aid measures after inhalation	: Remove person to fresh air and keep comfortable for breathing. Get medical advice/attention. Assure fresh air breathing. Allow the victim to rest.
First-aid measures after skin contact	: Wash skin with plenty of water. Remove affected clothing and wash all exposed skin area with mild soap and water, followed by warm water rinse. Wash contaminated clothing before reuse. If skin irritation or rash occurs: Get medical advice/attention.
First-aid measures after eye contact	: IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. If eye irritation persists: Get medical advice/attention.
First-aid measures after ingestion	: Do NOT induce vomiting. Rinse mouth. Get medical advice/attention.

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

Symptoms/effects after inhalation	: May cause an allergic skin reaction.
Symptoms/effects after skin contact	: Causes skin irritation.
Symptoms/effects after eye contact	: Causes serious eye irritation.

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

No additional information available

SECTION 5: Firefighting measures

5.1. Extinguishing media

Suitable extinguishing media	: Carbon dioxide. Dry powder. Foam.
Unsuitable extinguishing media	: Do not use a heavy water stream.

5.2. Special hazards arising from the substance or mixture

No additional information available

5.3. Advice for firefighters

Precautionary measures fire	: Eliminate all ignition sources if safe to do so. Evacuate area.
Firefighting instructions	: Use water spray or fog for cooling exposed containers. Exercise caution when fighting any chemical fire. Prevent fire fighting water from entering the environment.
Protection during firefighting	: Do not enter fire area without proper protective equipment, including respiratory protection.

SECTION 6: Accidental release measures

6.1. Personal precautions, protective equipment and emergency procedures

6.1.1. For non-emergency personnel

Protective equipment	: Wear recommended personal protective equipment.
Emergency procedures	: Evacuate unnecessary personnel.

6.1.2. For emergency responders

Protective equipment	: Equip cleanup crew with proper protection.
Emergency procedures	: Ventilate area.

6.2. Environmental precautions

Prevent entry to sewers and public waters. Notify authorities if liquid enters sewers or public waters. Avoid release to the environment.

6.3. Methods and material for containment and cleaning up

Methods for cleaning up	: Soak up spills with inert solids, such as clay or diatomaceous earth as soon as possible. On land, sweep or shovel into suitable containers. Collect spillage. Minimise generation of dust. Store away from other materials.
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6.4. Reference to other sections

See Heading 8. Exposure controls and personal protection.

Sandalwood Australian Organic Essential Oil

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SECTION 7: Handling and storage

7.1. Precautions for safe handling

Precautions for safe handling : Wash hands and other exposed areas with mild soap and water before eating, drinking or smoking and when leaving work. Provide good ventilation in process area to prevent formation of vapour.

Hygiene measures : Wash hands and other exposed areas with mild soap and water before eating, drinking or smoking and when leaving work. Contaminated work clothing should not be allowed out of the workplace. Wash contaminated clothing before reuse.

7.2. Conditions for safe storage, including any incompatibilities

Storage conditions : Keep only in the original container in a cool, well ventilated place away from : Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking, Protect from moisture. Keep container closed when not in use.

Incompatible products : Strong bases. Strong acids.

Incompatible materials : Sources of ignition. Direct sunlight.

7.3. Specific end use(s)

No additional information available

SECTION 8: Exposure controls/personal protection

8.1. Control parameters

No additional information available

8.2. Exposure controls

Personal protective equipment:

Gloves. EN 374. Protective goggles. Avoid all unnecessary exposure. EN 405. EN 166.

Hand protection:

In case of repeated or prolonged contact wear gloves. Wear protective gloves.

Eye protection:

Chemical goggles or safety glasses

Skin and body protection:

Wear suitable protective clothing

Respiratory protection:

In case of inadequate ventilation wear respiratory protection. Wear appropriate mask

Personal protective equipment symbol(s):



Environmental exposure controls:

Avoid release to the environment.

Other information:

Do not eat, drink or smoke when using this product. Do not eat, drink or smoke during use.

SECTION 9: Physical and chemical properties

9.1. Information on basic physical and chemical properties

Physical state	: Liquid
Appearance	: Liquid.
Colour	: Colourless or pale yellow. Colourless.
Odour	: Woody, sweet, soft. characteristic.
Odour threshold	: No data available
pH	: No data available
Relative evaporation rate (butylacetate=1)	: No data available
Melting point	: <-21°C
Freezing point	: No data available
Boiling point	: 90 °C @ 760 mm Hg
Flash point	: 142 °C @ 100.5 kPa
Auto-ignition temperature	: 280 @ 102.6 kPa 50%RH 2.5min Lag time
Decomposition temperature	: No data available

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Flammability (solid, gas)	: Non flammable.
Vapour pressure	: 0.3 kPa @ 20°C / 6.1 kPa @37.8°C
Relative vapour density at 20 °C	: No data available
Relative density	: 0.945 - 0.98
Solubility	: Water: 1.8 g/l @pH 8
Log Pow	: No data available
Viscosity, kinematic	: 60 mm ² /s @ 20°C
Viscosity, dynamic	: No data available
Explosive properties	: No data available
Oxidising properties	: No data available
Explosive limits	: No data available

9.2. Other information

Refractive index	: 1.5 - 1.517
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SECTION 10: Stability and reactivity

10.1. Reactivity

No additional information available

10.2. Chemical stability

Stable under normal conditions.

10.3. Possibility of hazardous reactions

Stable under normal conditions of use.

10.4. Conditions to avoid

Direct sunlight. Extremely high or low temperatures. Heat.

10.5. Incompatible materials

Oxidizing agent.

10.6. Hazardous decomposition products

fume. Carbon monoxide. Carbon dioxide.

SECTION 11: Toxicological information

11.1. Information on toxicological effects

Acute toxicity (oral)	: Not classified
Acute toxicity (dermal)	: Not classified
Acute toxicity (inhalation)	: Not classified
Skin corrosion/irritation	: Causes skin irritation.
Additional information	: Based on available data, the classification criteria are not met
Serious eye damage/irritation	: Causes serious eye irritation.
Additional information	: Based on available data, the classification criteria are not met
Respiratory or skin sensitisation	: May cause an allergic skin reaction.
Additional information	: Based on available data, the classification criteria are not met
Germ cell mutagenicity	: Not classified
Additional information	: Based on available data, the classification criteria are not met
Carcinogenicity	: Not classified
Additional information	: Based on available data, the classification criteria are not met
Reproductive toxicity	: Not classified
Additional information	: Based on available data, the classification criteria are not met
STOT-single exposure	: Not classified
Additional information	: Based on available data, the classification criteria are not met
STOT-repeated exposure	: Not classified
Additional information	: Based on available data, the classification criteria are not met
Aspiration hazard	: Not classified
Additional information	: Based on available data, the classification criteria are not met

Sandalwood Australian Organic Essential Oil (8024-35-9)

Viscosity, kinematic	60 mm ² /s @ 20°C
Potential adverse human health effects and symptoms	: Based on available data, the classification criteria are not met.

Sandalwood Australian Organic Essential Oil

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SECTION 12: Ecological information

12.1. Toxicity

Ecology - water : Toxic to aquatic life with long lasting effects.
 Acute aquatic toxicity : Not classified
 Chronic aquatic toxicity : Toxic to aquatic life with long lasting effects.

Sandalwood Australian Organic Essential Oil (8024-35-9)

ErC50 (algae) 3 mg/l

12.2. Persistence and degradability

Sandalwood Australian Organic Essential Oil (8024-35-9)

Persistence and degradability Not established. May cause long-term adverse effects in the environment.

12.3. Bioaccumulative potential

Sandalwood Australian Organic Essential Oil (8024-35-9)

Bioaccumulative potential Not established.

12.4. Mobility in soil

No additional information available

12.5. Results of PBT and vPvB assessment

No additional information available

12.6. Other adverse effects

Additional information : Avoid release to the environment.

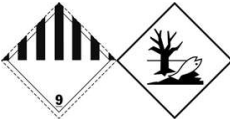


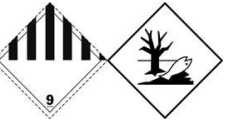
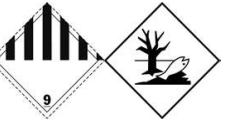
SECTION 13: Disposal considerations

13.1. Waste treatment methods

Product/Packaging disposal recommendations : Dispose in a safe manner in accordance with local/national regulations.
 Ecology - waste materials : Avoid release to the environment.

SECTION 14: Transport information

In accordance with ADR / RID / IMDG / IATA / ADN

ADR	IMDG	IATA	ADN	RID
14.1. UN number				
UN 3082	UN 3082	UN 3082	UN 3082	UN 3082
14.2. UN proper shipping name				
ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S.	ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S.	Environmentally hazardous substance, liquid, n.o.s.	ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S.	ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S.
Transport document description				
UN 3082 ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S., 9, III, (-)	UN 3082 ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S., 9, III, MARINE POLLUTANT	UN 3082 Environmentally hazardous substance, liquid, n.o.s., 9, III	UN 3082 ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S., 9, III	UN 3082 ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S., 9, III
14.3. Transport hazard class(es)				
9	9	9	9	9
				
14.4. Packing group				
III	III	III	III	III
14.5. Environmental hazards				
Dangerous for the environment : Yes	Dangerous for the environment : Yes Marine pollutant : Yes	Dangerous for the environment : Yes	Dangerous for the environment : Yes	Dangerous for the environment : Yes

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No supplementary information available

14.6. Special precautions for user

Overland transport

Classification code (ADR)	: M6
Special provisions (ADR)	: 274, 335, 375, 601
Limited quantities (ADR)	: 5I
Excepted quantities (ADR)	: E1
Packing instructions (ADR)	: P001, IBC03, LP01, R001
Special packing provisions (ADR)	: PP1
Mixed packing provisions (ADR)	: MP19
Portable tank and bulk container instructions (ADR)	: T4
Portable tank and bulk container special provisions (ADR)	: TP1, TP29
Tank code (ADR)	: LGBV
Vehicle for tank carriage	: AT
Transport category (ADR)	: 3
Special provisions for carriage - Packages (ADR)	: V12
Special provisions for carriage - Loading, unloading and handling (ADR)	: CV13
Hazard identification number (Kemler No.)	: 90
Orange plates	:



Tunnel restriction code (ADR)	: -
EAC code	: •3Z

Transport by sea

Special provisions (IMDG)	: 274, 335, 969
Limited quantities (IMDG)	: 5 L
Excepted quantities (IMDG)	: E1
Packing instructions (IMDG)	: LP01, P001
Special packing provisions (IMDG)	: PP1
IBC packing instructions (IMDG)	: IBC03
Tank instructions (IMDG)	: T4
Tank special provisions (IMDG)	: TP2, TP29
EmS-No. (Fire)	: F-A
EmS-No. (Spillage)	: S-F
Stowage category (IMDG)	: A

Air transport

PCA Excepted quantities (IATA)	: E1
PCA Limited quantities (IATA)	: Y964
PCA limited quantity max net quantity (IATA)	: 30kgG
PCA packing instructions (IATA)	: 964
PCA max net quantity (IATA)	: 450L
CAO packing instructions (IATA)	: 964
CAO max net quantity (IATA)	: 450L
Special provisions (IATA)	: A97, A158, A197
ERG code (IATA)	: 9L

Inland waterway transport

Classification code (ADN)	: M6
Special provisions (ADN)	: 274, 335, 375, 601
Limited quantities (ADN)	: 5 L
Excepted quantities (ADN)	: E1
Carriage permitted (ADN)	: T
Equipment required (ADN)	: PP
Number of blue cones/lights (ADN)	: 0

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Rail transport

Classification code (RID)	: M6
Special provisions (RID)	: 274, 335, 375, 601
Excepted quantities (RID)	: E1
Packing instructions (RID)	: P001, IBC03, LP01, R001
Special packing provisions (RID)	: PP1
Mixed packing provisions (RID)	: MP19
Portable tank and bulk container instructions (RID)	: T4
Portable tank and bulk container special provisions (RID)	: TP1, TP29
Tank codes for RID tanks (RID)	: LGBV
Transport category (RID)	: 3
Special provisions for carriage – Packages (RID)	: W12
Special provisions for carriage - Loading, unloading and handling (RID)	: CW13, CW31
Colis express (express parcels) (RID)	: CE8
Hazard identification number (RID)	: 90

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

15.1.1. EU-Regulations

No REACH Annex XVII restrictions

Sandalwood Australian Organic Essential Oil is not on the REACH Candidate List

Sandalwood Australian Organic Essential Oil is not on the REACH Annex XIV List

Sandalwood Australian Organic Essential Oil is not subject to REGULATION (EU) No 649/2012 OF THE EUROPEAN PARLIAMENT AND OF THE COUNCIL of 4 July 2012 concerning the export and import of hazardous chemicals.

Sandalwood Australian Organic Essential Oil is not subject to Regulation (EC) No 850/2004 of the European Parliament and of the Council of 29 April 2004 on persistent organic pollutants and amending Directive 79/117/EEC

15.1.2. National regulations

No additional information available

15.2. Chemical safety assessment

No chemical safety assessment has been carried out

SECTION 16: Other information

Data sources : 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, amending and repealing Directives 67/548/EEC and 1999/45/EC, and amending Regulation (EC) No 1907/2006.

Other information : None.

Full text of H- and EUH-statements:	
Aquatic Chronic 2	Hazardous to the aquatic environment — Chronic Hazard, Category 2
Eye Irrit. 2	Serious eye damage/eye irritation, Category 2
Skin Irrit. 2	Skin corrosion/irritation, Category 2
Skin Sens. 1	Skin sensitisation, Category 1
H315	Causes skin irritation.
H317	May cause an allergic skin reaction.
H319	Causes serious eye irritation.
H411	Toxic to aquatic life with long lasting effects.

SDS EU (REACH Annex II)

This information is based on our current knowledge and is intended to describe the product for the purposes of health, safety and environmental requirements only. It should not therefore be construed as guaranteeing any specific property of the product



Specification Sheet

Product: Sandalwood Australian Essential Oil Organic

INCI: Santalum Spicata Wood Oil

CAS no: 8806-87-9 / 8024-35-9

EC no: 84775-42-8 / 296-618-5

Country of Origin: Australia

Description: 100% steam distilled Santalum Spicata Wood Oil

Appearance: Liquid

Colour: Yellow - golden

Odour: Characteristic

Specific Gravity at 20°C: 0.930 – 0.980

Refractive Index at 20°C: 1.500 – 1.520

Optical Rotation at 20°C: -16.0 TO +4.0

Storage: Storage in a cool dry place away from heat & sunlight

Shelf Life: 24 months

Date Document Created: 23/04/19



Vegetarian & Vegan Suitability Statement

PRODUCT NAME: Sandalwood Australian Organic

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.

28/06/19