

Certificate of Analysis

Product Name		SANDALWOOD OIL EAST INDIAN (santalum album)				
Product Code		OESANDEASTINDI				
INCI Name		Santalum Album				
Best Before Date		April 2025				
Batch Number		4466308				
Manufacturing Process		Obtained by steam distillation of Santalum album wood				
Identification		CAS No: 84787-70-2		EINECS No: 284-111-1		
		Alternative Cas: 8006-87-9				
PHYSICAL AND CHE	MICAL C	HARACTERISTIC				
		SPECIFICATION RANGE		RESULTS		
Appearance		Liquid		Conforms		
Colour		Pale - Dark Yellow		Conforms		
Odour		Characteristic		Conforms		
Specific Gravity @ 27°c		0.963 - 0.977		0.964		
Refractive Index @ 27°c		1.500 - 1.507		1.504		
Optical Rotation @ °c		-20 to -15		-18.3		
MAIN CONSTITUEN	ITS					
Constituent Range	Result	Constituent Range	Result	Constituent Range	Result	
Santalol Alpha 40-55%	51.27%	B-santalol 16-24%%	23.72%	Santalol-beta-trans (0.01-5%	3.64%	
STORAGE AND SHE	LF LIFE					
Storage		Store in tightly closed container with minimum headspace in a cool, dark and dry				
		place.				
Shelf Life		24 months unopened and stored as above.				
Company's knowledge and belief, accurate an himself as to the suitability of such information	nd reliable as of the don for his own particule to guarantee the "a	ate indicated. However, no warranty, guara lar use. Where MADAR Corporation Limite	antee or representati d make a declaration	ination with any other materials or in any process. Such ir on is made to its accuracy, reliability or completeness. It is that allergenic material are not present in any product, th ty of the customer to ensure the safety of the intended fi	the users responsibility to satisfy is statement is made assuming	



CMR STATEMENT

IDENTIFICATION					
Product:	SANDALWOOD OIL EAST INDIAN				
Cas No:	84787-70-2				
EINECS No:	284-111-1				
STATEMENT					

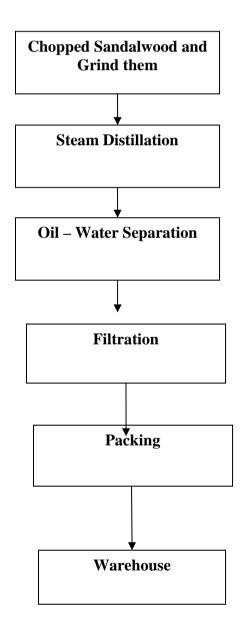
We, Madar Corporation Limited, from information received from our supplier, hereby declare that the material listed above contains the following CMR substances or traces of CMR substances (Carcinogenic, Mutagenic, Toxic for reproduction) graded 1A, 1B and 2 listed below in accordance with the 1272/2008/E Regulation:

Components	Cas No		
Epi-Alpha-Bisabolol	515-69-5		
Trans, Trans Farnesol	4602-84-0		
Cis Alpha Santalol	115-71-9		
Cis-Alpha-Trans Bergamotol	88034-74-6		
Cis-Epi Beta Santalol	79081-90-6		
Cis Beta Santalol	11031-45-1		
Cis Lanceol	10067-28-4		
Cis Nuciferol	78339-53-4		

This document represents to the best of our knowledge and from information received from our supplier. It does not release the buyer from the obligation to carry out an examination of the goods received. All uses made by the buyer are done under their own responsibility.



Flow Diagram Sandalwood Indian Oil





SAFETY DATA SHEET SANDALWOOD OIL BLEND

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

1.1. Product identifier

Product name SANDALWOOD INDIAN OIL

Product number OESANDEASTINDI

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

<u>against</u> Identified uses Flavours, Fragrances

1.3. Details of the supplier of the safety data sheet

Supplier

MADAR Corporation Limited

19-20 Sandleheath Industrial Estate

Fordingbridge Hampshire SP6 1PA

Tel. +44 1425 655555 (Opening Hours 9am - 5pm)

e-mail technical@madarcorporation.co.uk

Approved sellers Cosmetic Butters, Mystic Moments, New Directions, World of Moulds

1.4. Emergency telephone number

SECTION 2: Hazards identification

2.1. Classification of the substance or mixture

Classification (EC 1272/2008)

Physical hazards Not Classified

Health hazards Skin Sens. 1 - H317

Environmental hazards Not Classified

Human health May cause an allergic skin reaction.

2.2. Label elements

Pictogram



Signal word Warning

Hazard statements H317 May cause an allergic skin reaction.

SANDALWOOD INDIAN OIL

Precautionary statements P261 Avoid breathing vapour/ spray.

P272 Contaminated work clothing should not be allowed out of the workplace.
P280 Wear protective gloves/ protective clothing/ eye protection/ face protection.

P302+P352 IF ON SKIN: Wash with plenty of water. P321 Specific treatment (see medical advice on this label).

P333+P313 If skin irritation or rash occurs: Get medical advice/ attention.
P362+P364 Take off contaminated clothing and wash it before reuse.
P501 Dispose of contents/ container in accordance with national regulations.

Contains Santalol Alpha, B-santalol

2.3. Other hazards

SECTION 3: Composition/information on ingredients

3.2. Mixtures

Santalol Alpha 10 - 15%

CAS number: 115-71-9 EC number: 204-102-8

Classification

Skin Sens. 1B - H317

B-santalol 1-5%

CAS number: 77-42-9

Classification

Skin Sens. 1B - H317

The Full Text for all R-Phrases and Hazard Statements are Displayed in Section 16.

SECTION 4: First aid measures

4.1. Description of first aid measures

Inhalation Remove person to fresh air and keep comfortable for breathing. Maintain an open airway. Get

medical attention if any discomfort continues.

Ingestion Rinse mouth thoroughly with water. Do not induce vomiting. Get medical attention if any

discomfort continues.

Skin contact Remove contamination with soap and water or recognised skin cleansing agent. Continue to

rinse for at least 15 minutes and get medical attention.

Eye contact Remove any contact lenses and open eyelids wide apart. Continue to rinse for at least 15

minutes. Get medical attention if any discomfort continues.

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

General information No further information available at this time.

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

Notes for the doctor No data available.

SANDALWOOD INDIAN OIL

SECTION 5: Firefighting measures

5.1. Extinguishing media

Unsuitable extinguishing

media

For safety reasons do not use full water jet.

5.2. Special hazards arising from the substance or mixture

Specific hazards In case of fire, the following can be released: carbon monoxide (CO), carbon dioxide (CO2),

smoke, soot.

Hazardous combustion

products

Carbon dioxide (CO2). Carbon monoxide (CO).

5.3. Advice for firefighters

Protective actions during

firefighting

Avoid breathing fire gases or vapours. Control run-off water by containing and keeping it out

of sewers and watercourses.

Special protective equipment

for firefighters

Personal precautions

Wear full protective clothing

SECTION 6: Accidental release measures

6.1. Personal precautions, protective equipment and emergency procedures

Ensure adequate ventilation of the working area, evacuate personnel to safe area, wear suitable protective equipment. Keep unnecessary and unprotected personnel away from the spillage. No smoking, sparks, flames or other sources of ignition near spillage. Avoid contact with skin, eyes and clothing. Avoid inhalation of vapours. For personal protection, see Section 8. Treat the spilled material according to the instructions in the clean-up section. Wash

thoroughly after dealing with a spillage.

6.2. Environmental precautions

Environmental precautions Prevent run off into drains and waterways. Avoid release to the environment.

6.3. Methods and material for containment and cleaning up

Methods for cleaning up Absorb with liquid binding material (e.g sand, diatomaceous earth, acid or universal binding

agents). Collect in closed and suitable containers for disposal. Never return spills in original

containers for re-use. Wash spill site after material pick up is complete.

6.4. Reference to other sections

SANDALWOOD INDIAN OIL

SECTION 7: Handling and storage

7.1. Precautions for safe handling

Usage precautions Apply good manufacturing practice and industrial hygiene practices. Keep containers sealed

when not in use. Wear protective clothing, gloves, eye and face protection. Avoid contact with skin, eyes and clothing. Do not breathe vapour/spray. Use only in well-ventilated areas. Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking. Do not eat, drink or smoke when using this product. Avoid release to the environment. Do not

empty into drains. Wash skin thoroughly after handling.

7.2. Conditions for safe storage, including any incompatibilities

Storage precautions Store in tightly-closed, original container in a dry, cool and well-ventilated place.

7.3. Specific end use(s)

SECTION 8: Exposure Controls/personal protection

8.1. Control parameters

8.2. Exposure controls

Protective equipment









Appropriate engineering

controls

Provide eyewash station Provide adequate ventilation.

Personal protection Use personal protection according to Directive 89/686/EEC

Eye/face protection Approved safety goggles.

Hand protection Chemical resistant gloves (PVC)

Other skin and body

protection

Wear apron or protective clothing in case of contact.

Hygiene measures Good personal hygiene procedures should be implemented.

Respiratory protection Generally unnecessary in a well ventilated area.

If ventilation is insufficient, respiratory protection must be worn.

Environmental exposure

controls

Avoid discharging into drains. Do not allow run-off fire fighting to enter drains or water

courses.

SECTION 9: Physical and Chemical Properties

9.1. Information on basic physical and chemical properties

Appearance Liquid.

Colour Amber. Yellow.

Odour Woody Warm

Flash point $\geq 100^{\circ}$ C

Relative density 0.950 - 0.980 @ 20°C

9.2. Other information

Refractive index 1.480 - 1.508 @ 20°C

Optical Rotation 0 to -8

0 to -8 19-20 Sandleheath Industrial Estate, Fordingbridge, Hampshire, SP6 1PA, UK Tel: 01425 655555 Email: technical@madarcorporation.co.uk

SANDALWOOD INDIAN OIL

Hydrocarbon Content

SECTION 10: Stability and reactivity

10.1. Reactivity

Reactivity No hazardous reactions if stored and handled as prescribed / indicated.

10.2. Chemical stability

Stability Stable under the prescribed storage conditions.

10.3. Possibility of hazardous reactions

Possibility of hazardous

No potentially hazardous reactions known.

reactions

10.4. Conditions to avoid

Conditions to avoid Avoid heat, flames and other sources of ignition.

10.5. Incompatible materials

Materials to avoid No data available.

10.6. Hazardous decomposition products

Hazardous decomposition No data available.

products

SECTION 11: Toxicological information

11.1. Information on toxicological effects

Toxicological effects No data available.

Acute toxicity - oral

Notes (oral LD₅₀) No information available.

Acute toxicity - dermal

Notes (dermal LD₅₀) No information available.

Acute toxicity - inhalation

Notes (inhalation LC₅₀) No information available.

Skin corrosion/irritation

Skin corrosion/irritation No information available.

Serious eye damage/irritation

Serious eye damage/irritation No information available.

Skin sensitisation

Skin sensitisation May cause an allergic skin reaction.

SECTION 12: Ecological Information

12.1. Toxicity

Toxicity No data available.

Acute toxicity - No data available.

microorganisms

Chronic toxicity - aquatic No data available.

invertebrates

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12.2. Persistence and degradability

Biodegradation No information available.

12.3. Bioaccumulative potential

Bioaccumulative potential No data available.

12.4. Mobility in soil

12.5. Results of PBT and vPvB assessment

12.6. Other adverse effects

SECTION 13: Disposal considerations

13.1. Waste treatment methods

Disposal methodsDispose of waste to licensed waste disposal site in accordance with the requirements of the

local Waste Disposal Authority. Avoid releasing into the environment. Do not allow run-off fire

fighting to enter drains or water courses.

SECTION 14: Transport information

General The product is not covered by international regulations on the transport of dangerous goods

(IMDG, IATA, ADR/RID).

14.1. UN number

Not applicable.

14.2. UN proper shipping name

Not applicable.

14.3. Transport hazard class(es)

No transport warning sign required.

14.4. Packing group

Not applicable.

14.5. Environmental hazards

Environmentally hazardous substance/marine pollutant

No.

14.6. Special precautions for user

Not applicable.

14.7. Transport in bulk according to Annex II of MARPOL and the IBC Code

Transport in bulk according to Not applicable.

Annex II of MARPOL 73/78

and the IBC Code

SANDALWOOD INDIAN OIL

SECTION 15: Regulatory information

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

EU legislation 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 (as

amended).

Guidance CHIP for everyone HSG228.

15.2. Chemical safety assessment

SECTION 16: Other information

Revision date 09/11/2017

Revision 1

SDS number 5077

Hazard statements in full H317 May cause an allergic skin reaction.

This information relates only to the specific material designated and may not be valid for such material used in combination with any other materials or in any process. Such information is, to the best of the company's knowledge and belief, accurate and reliable as of the date indicated. However, no warranty, guarantee or representation is made to its accuracy, reliability or completeness. It is the user's responsibility to satisfy himself as to the suitability of such information for his own particular use.



Product Specification

Product Name	SANDALWOOD OIL EAST INDIAN (santalum album)					
Product Code	OESANDINDI					
Tariff Number	33012941					
Country of Origin	East Indian					
INCI Name	Santalum Album					
Natural Status	• • • • • • • • • • • • • • • • • • •	We herevy declare, to the best of our knowledge and from information received from our supplier, that this material is 100% pure and natural obtained from Santalum Album Wood.				
Food Grade Status	Not Applicable	Not Applicable				
Kosher Certified	Suitable	Suitable				
Halal Certified	Suitable	Suitable				
GMO Declaration	To the best of our knowledge and from information received from our supplier, this product does not derive from genetically modified starting raw material, or additives that are derived from genetically modified organisms.					
Manufacturing Process	Steam distillation of the wood from	m Santalu	ım Album.			
Identification	CAS No: 84787-70-2		EINECS No: 284-111-1			
	Alternative CAS: 8006-87-9					
PHYSICAL AND CHEMIC	AL CHARACTERISTIC					
Appearance	Liquid	Liquid				
Colour	Light (or pale) yellow to amber					
Odour	Characteristic	Characteristic				
Relative Density @ 27°c	0.963 - 0.977					
Refractive Index @ 27°c	1.500 - 1.507	1.500 - 1.507				
Optical Rotation °	-20 to -15	-20 to -15				
FRAGRANCE ALLERGEN	S					
NONE PRESENT						
FOOD ALLERGENS						
NOT APPLICABLE						
IFRA						
NONE PRESENT						
STORAGE AND SHELF LI	FE					
Storage	Store in tightly closed container with minimum headspace in a cool, dark and dry place.					
		24 months unopened and stored as above.				

DISCLAIMER: This information relates only to the specific material designated and may not be valid for such material used in combination with any other materials or in any process. Such information is, to the best of the Company's knowledge and belief, accurate and reliable as of the date indicated. However, no warranty, guarantee or representation is made to its accuracy, reliability or completeness. It is the users responsibility to satisfy himself as to the suitability of such information for his own particular use. Where we make a declaration that allergenic material are not present in any product, this statement is made assuming reasonable levels of detection. It is impossible to guarantee the "absolute absence" of any material. It is the ultimate responsibility of the customer to ensure the safety of the intended final product containing this material, by carrying out additional tests if necessary.