



## SAFETY DATA SHEET

GHS: According to 2015/830/EU

*Code Number: EO100563*

*Version 2 Revised 1/02/2023*

### Section 1. Identification of the substance/mixture and of the company/undertaking

#### 1.1 Product Identifier

Product Name SANDALWOOD ESSENTIAL OIL - EAST INDIAN ABP  
Code Number EO100563 - EOSANE  
Alternative Name INCI Name: Santalum Album Oil  
REACH Reg No Not registered

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

Concentrated material for manufacturing purposes only.

#### 1.3 Details of the supplier of the safety data sheet

Pure Ingredients Ltd  
626A Rosebank Road, Avondale  
Auckland 1026  
New Zealand

Telephone Number +09 813 5619  
Email Address compliance@pureingredients.co.nz

**1.4 Emergency Tel No** 111 / NZ Poisons Centre **0800 POISON** (0800 764 766)  
Emergency Response: 0800 CHEMCALL / 0800 243 622 (24hr)

### Section 2. Hazard Identification

#### 2.1 Classification of the substance or mixture

SS 1B\*(6.5B) Skin sensitisation, category 1B

#### 2.2 Label elements

GHS classification according to Regulation (EC) No 1272/2008

Hazard Pictograms



Signal Word Warning

# SAFETY DATA SHEET

GHS: According to 2015/830/EU

**Code Number: EO100563**

**Version 2 Revised 1/02/2023**

## Hazard Statements

H317 May cause an allergic skin reaction

## Precautionary Statements

P261 Avoid breathing fumes.

P280 Wear protective gloves and eye protection

P302+P352 IF ON SKIN: Wash with plenty of water.

P333+P313 If skin irritation or rash occurs: Get medical advice.

P362+P364 Take off contaminated clothing and wash it before reuse.

P501 Dispose of contents and container in accordance to local regulations.

## 2.3 Other Hazards

Contains nothing known from the allergens list which may produce an allergic reaction

No further information available at this time

## Section 3. Composition / information on ingredients

Any percentage values listed here for hazardous components are for illustrative purposes only

### 3.1 Substances

Description SANDALWOOD OIL EAST INDIAN

EC/EINECS 284-111-1

CAS Number 84787-70-2

USCAS Number 8006-87-9

### Hazardous components

ID Numbers	Chemical Name, Classification and Hazards	Conc (%)
CAS 115-71-9 EINECS 204-102-8 REACH	alpha-Santalol SS 1 H317	49.4800
CAS 77-42-9 EINECS 201-027-2 REACH	beta-Santalol SS 1 H317	26.9600
CAS 15352-77-9 EINECS 840-622-7 REACH	beta-Bisabolol EH C2 H411	1.1500

# SAFETY DATA SHEET

GHS: According to 2015/830/EU

**Code Number: EO100563**

**Version 2 Revised 1/02/2023**

CAS 13474-59-4 EINECS 603-860-0 REACH	trans-alpha-Bergamotene  AH 1 H304	0.2500
CAS 495-61-4 EINECS 207-805-8 REACH	beta-Bisabolene (Bisabolene)  AH 1; SCI 2; SS 1B H304, H315, H317	0.0700

Refer to section 16 for the wording of listed classification and hazard statement codes

## Section 4. First Aid measures

Take phrases in section 2 into account

### 4.1 Description of first aid measures

After inhalation

If fumes or combustion products are inhaled, remove to fresh uncontaminated air, lay patient on back until breathing returns to normal.

After skin contact

May cause an allergic reaction. Remove contaminated clothing and wash thoroughly with soap and water. Seek medical advice if irritation persists or there are any signs of tissue damage.

After eye contact

Flush eyes with plenty of water for 15 minutes including under eyelid. Seek medical advice if irritation persists. Removal of contact lenses after an eye injury should only be undertaken by skilled personnel.

After ingestion

Do NOT induce vomiting. Position to avoid aspiration should vomiting occur. Wash mouth with plenty of water and obtain medical advice immediately. Never give anything by the mouth to an unconscious patient.

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

Take phrases in sections 2 and 11 into account. No further information available at this time.

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

Treat symptomatically.

## Section 5. Fire-fighting measures

### 5.1 Extinguishing Media

Carbon dioxide, foam or dry powder. DO NOT USE A DIRECT WATER JET.

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

May produce Carbon dioxide and unidentified organic compounds.

# SAFETY DATA SHEET

GHS: According to 2015/830/EU

*Code Number: EO100563*

*Version 2 Revised 1/02/2023*

## 5.3 Advice for fire-fighters

Wear Self-Contained Breathing Apparatus (S.C.B.A.) and full protective clothing to minimise skin exposure. Avoid inhalation of dusts/vapours. Keep containers cool with water spray. Do not use direct water jet on burning material. Do not allow spillage of fire to enter drains or watercourses.

HazChem Code N/A

## Section 6. Accidental release measures

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

Remove all sources of ignition. Avoid inhalation, skin and eye contact. Ensure proper ventilation. Evacuate all unnecessary personnel. If possible, contain the spill.

### 6.2 Environmental precautions

Do not discharge directly into drains or the soil. Keep away from surface and ground water.

### 6.3 Methods and material for containment and cleaning up

Soak up spillage with sand or other inert absorbent material such as earth or vermiculite; transfer used material to a suitable waste container and dispose in accordance with regulations. If large quantities of this material enter the waterways, contact the EPA or your local Waste Management Group.

### 6.4 Reference to other sections

Refer to information in Sections 7, 8 and 13

## Section 7. Handling and storage

### 7.1 Precautions for safe handling

Maintain good occupational and personal hygiene. Avoid inhalation and contact with skin and eyes. Wear protective clothing and use safety glasses. Keep in original container or an alternative made from a compatible material.

### 7.2 Conditions for safe storage, including any incompatibilities

Store in tightly sealed original containers away from ignition sources and in a cool place. Avoid contact with incompatible materials that support combustion, such as strong oxidising agents.

### 7.3 Specific end use(s)

No further information available.

## Section 8. Exposure controls / personal protection

### 8.1 Control Parameters

No exposure standards have been established for this material by Work safe Australia. However, as a matter of course avoid repeated or prolonged contact with the skin. Keep

# SAFETY DATA SHEET

GHS: According to 2015/830/EU

*Code Number: EO100563*

*Version 2 Revised 1/02/2023*

out of eyes. Do not ingest. Use with good ventilation, do not breathe dusts/vapours. Sensitive individuals may develop an allergic response.

## 8.2 Exposure controls

### Engineering controls

Natural ventilation should be sufficient, however where dusts/vapours are generated the use of a grounded mechanical exhaust ventilation system is recommended.

### Individual protection measures

Refer to Section 5 for specific fire/chemical personal protective equipment advice. Always wash routinely before breaks, meals and at the end of the work period.

### Eye/face protection

Use splash-proof safety glasses and face shield where splashing is possible.

### Hand protection

Wear chemically resistant disposable gloves.

### Other skin protection

Wear overalls. Depending on conditions in the workplace, additional body protection should be considered. Always wash routinely before breaks, meals and at the end of the work period.

### Respiratory protection

Not generally required. Use inhalation protection in poorly ventilated areas.

### Thermal hazards

No information.

### Environmental exposure controls

Emissions from ventilation and process equipment should be checked to ensure compliance with environmental protection legislation.

### National Exposure Standards

No exposure standards have been established for this material by Worksafe Australia.

### Biological Limit Values

No biological limit allocated.

## Section 9. Physical and chemical properties

### 9.1 Information on basic physical and chemical properties

FLASH POINT (°C) 110°C

# SAFETY DATA SHEET

GHS: According to 2015/830/EU

*Code Number: EO100563*

*Version 2 Revised 1/02/2023*

APPEARANCE	Mobile liquid
COLOUR	Almost colourless to golden yellow
ODOUR	Extremely tenacious, warm, sweet, dry-woody
ODOUR THRESHOLD	Not available
pH @20 DEG C	Not available
MELTING/FREEZING POINT	Not available
INITIAL BOILING POINT AND RANGE	276°C
EVAPORATION RATE	Not available
FLAMMABILITY (SOLID/GAS)	Not available
UPPER/LOWER FLAMMABILITY LIMITS	Not available
VAPOUR PRESSURE	Not available
VAPOUR DENSITY	Not available
SPECIFIC GRAVITY @ 20°C	0.96 to 0.99
SOLUBILITIES	Insoluble in water
PARTITION COEFF N-OCTANAL/WATER	Not available
AUTO-IGNITION TEMPERATURE	Not available
DECOMPOSITION TEMPERATURE	Not available
VISCOSITY @ 20 DEG C	Not available
EXPLOSIVE PROPERTIES	Not available
OXIDISING PROPERTIES	Not available
9.2 Other information No further information available.	
Section 10. Stability and reactivity	
10.1 Reactivity No data.	
10.2 Chemical Stability Stable under the recommended storage conditions (see section 7).	

# SAFETY DATA SHEET

GHS: According to 2015/830/EU

*Code Number: EO100563*

*Version 2 Revised 1/02/2023*

## 10.3 Possibility of hazardous reactions

No hazardous reactions if stored under suitable storage conditions.

## 10.4 Conditions to avoid

Avoid exposure to heat, sources of ignition, and open flame. Avoid exposure to air.

## 10.5 Incompatible materials

Keep away from oxidising agents and from highly alkaline or acidic material.

## 10.6 Hazardous decomposition products

During combustion may form carbon monoxide, carbon dioxide and unidentified organic compounds.

## Section 11. Toxicological information

### 11.1 Information on toxicological effects

#### Acute toxicity

Not Applicable

Not classified based on available data.

LD50 Oral (rat) - >5,000 mg/kg

LD50 Inhalation (rat) - >180 mg/m<sup>3</sup>

LD50 Dermal (rabbit) ->5,000 mg/kg

#### Skin corrosion / irritation

Not classified based on available data.

#### Serious eye damage / irritation

Not classified based on available data.

#### Respiratory or skin sensitisation

May cause an allergic skin reaction.

#### Germ cell mutagenicity

No data

#### Carcinogenicity

No data

#### Reproductive toxicity

No data

#### STO-single exposure

No data

#### STO-repeated exposure

No data

# SAFETY DATA SHEET

GHS: According to 2015/830/EU

*Code Number: EO100563*

*Version 2 Revised 1/02/2023*

Aspiration hazard

No data

Information on likely routes of exposure

No data

Symptoms related to the physical, chemical and toxicological characteristics

No data

Delayed and immediate effects as well as chronic effects from short and long-term exposure

No data

Interactive effects

No data

Other information

No data

## Section 12. Ecological information

### 12.1 Toxicity

No data available. Avoid soil, surface water and water-bearing stratum contamination.

### 12.2 Persistence and degradability

Readily biodegradable in water.

### 12.3 Bioaccumulative potential

No data

### 12.4 Mobility in soil

Avoid soil, surface water and water-bearing stratum contamination.

### 12.5 Results of PBT and vPvB assessment

No data

### 12.6 Other adverse effects

See sections 6, 7, 13 and 15.

## Section 13. Disposal considerations

Please refer to the information in section 8 (Exposure controls and personal protection)

### 13.1 Waste treatment methods

Dispose in accordance with the law and local regulations. Treat as trade effluent.



# SAFETY DATA SHEET

GHS: According to 2015/830/EU

*Code Number: EO100563*

*Version 2 Revised 1/02/2023*

## Section 14. Transport information

14.1 UN number Not Regulated

14.2 UN proper shipping name Not Restricted

14.3 Transport hazard class(es)

14.4 Packing group

Tunnel Code

14.5 Environmental Hazards

No relevant information available

14.6 Special precautions for user

Not subject to the provisions of IMDG, IATA, or ADR/RID.

HazChem Code N/A

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

Not applicable

## Section 15. Regulatory information

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

Poison Schedule (SUSMP): Not applicable

HS Tariff Code: 3301.29.00

HSNO Approval Number: HSR002578

This material is listed on the Australian Inventory of Industrial Chemicals (AIIC).

15.2 Chemical safety assessment

A chemical safety assessment has not been carried out

## Section 16. Other information

Full list of precautionary phrases

P261 Avoid breathing fumes.

P272 Contaminated work clothing should not be allowed out of the workplace.

P280 Wear protective gloves and eye protection

P302+P352 IF ON SKIN: Wash with plenty of water.

P333+P313 If skin irritation or rash occurs: Get medical advice.

P362+P364 Take off contaminated clothing and wash it before reuse.

# SAFETY DATA SHEET

GHS: According to 2015/830/EU

*Code Number: EO100563*

*Version 2 Revised 1/02/2023*

P501 Dispose of contents and container in accordance to local regulations.

Wording of any hazard classes listed in section 3

AH 1 Aspiration hazard, category 1  
SCI 2 Skin corrosion/irritation, category 2  
SS 1 Skin sensitisation, category 1  
SS 1B Skin sensitisation, category 1B  
EH C2 Aquatic hazard, chronic, category 2

Wording of any hazard statements listed in section 3

H304 May be fatal if swallowed and enters airways  
H315 Causes skin irritation  
H317 May cause an allergic skin reaction  
H411 Toxic to aquatic life with long lasting effects

References and further information

Key:

N/A = Not applicable

SUSMP = Standard for the Uniform Scheduling of Medicines and Poisons

AIIC = Australian Inventory of Industrial Chemicals

AICIS = Australian Industrial Chemicals Introduction Scheme

Version 1: GHS format, BV 12/01/2018

Version 2: Mandatory revision, RB 1/02/2023

The information contained in this Safety Data Sheet is obtained from current and reliable sources. Pure Ingredients Ltd provides the information contained herein in good faith but makes no representation as to its comprehensiveness or accuracy. This Safety Data Sheet summarises our best current knowledge of the health and safety hazard information of the product, but does not claim to be all inclusive. This document is intended only as a guide to the appropriate handling of this material.