

Safety Data Sheet

01. IDENTIFICATION OF THE SUBSTANCE/PREPARATION & THE COMPANY/UNDERTAKING

Product Name	Sandalwood oil East Indian				
Biological Definition	The volatile oil obtained by distillation of the heartwood of <i>Santalum album</i> (Linn.) Fam. Santalaceae.				
INCI Name	Santalum Album Wood Oil				
Synonyms & Trade Names	---				
Supplier	Essential Oils Direct Ltd – PO Box 161, Oldham OL2 6FA – 0161 633 3952 Company Registration Number 04199912 www.essentialoilsdirect.co.uk				
Reach Registration Number <small>(According to EU Reg 1907/2006)</small>	N/A				
FEMA No.	3005	FDA No.	§172.510	CoE No.	420
CAS-No	84787-70-2	EC No.	284-111-1	EINECS No.	284-111-1

02. HAZARDS IDENTIFICATION

Classification (1999/45)	Not classified
Classification (EC 1272/2008)	Not classified
Label in accordance with (EC) No 1272/2008	Hazard labelling not ascribed
Signal Word	None ascribed
Contains	See section 3
Hazard Statements	None ascribed
Precautionary Statements	None ascribed
Supplementary Precautionary Statements	None ascribed
PBT or vPvB according to Annex XIII	No
Adverse physio-chemical properties	Combustible but will not self-ignite
Adverse effects on human health	Cases of sensitisation by skin contact known.

03. COMPOSITION/INFORMATION ON INGREDIENTS

Contains no hazardous components.

04. FIRST AID MEASURES

General Information	See categories below
Inhalation	Remove from exposure area to fresh air. Contact a doctor if necessary.
Ingestion	Wash mouth out with water and obtain medical advice immediately.
Skin Contact	Remove contaminated clothing. Wash thoroughly with soap and water. Seek medical advice if irritation persists or there is any sign of tissue damage.

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Eye Contact	Flush with plenty of water and seek medical advice if necessary.
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05. FIRE-FIGHTING MEASURES

Extinguishing Media	Use CO ₂ , Dry Powder or Foam type extinguishers, spraying extinguishing media to base of flames. Do not use direct water jet on burning material.
Special Fire Fighting Procedures	Wear protective clothing. Avoid inhalation of vapours.
Specific Hazards	None
Protective Measures in Fire	Closed containers may build up pressure when exposed to heat and should be cooled with water spray

06. ACCIDENTAL RELEASE MEASURES

Personal Precautions	Maintain good occupational and personal hygiene. Avoid contact with skin and eyes
Environmental Precautions	Do not discharge directly into drains or soil. Keep away from surface and ground water
Spill Clean Up Methods	Soak up spillage with sand or other inert material. Transfer soaked material to suitable waste container and dispose according to prevailing regulations.

07. HANDLING AND STORAGE

Usage Precautions	Apply good manufacturing practice & industrial hygiene practices, ensuring proper workplace ventilation. Observe good personal hygiene, and do not eat, drink or smoke whilst handling.
Storage Precautions	Store in tightly closed original container, in a cool, dry & ventilated area away from heat sources & protected from light. Keep air contact to a minimum.

08. EXPOSURE CONTROLS/PERSONAL PROTECTION

Protective Equipment	As required. Gloves and overalls recommended.
Engineering Measures	No special measures recommended.
Respiratory Equipment	Not normally required unless dealing with hot material
Hand Protection	Gloves recommended.
Eye Protection	Goggles may be required if possibility of splash hazard
Other Protection	As required
Hygiene Measures	Wash hands with soap & water after handling

09. PHYSICAL AND CHEMICAL PROPERTIES

Appearance	Mobile, viscous liquid
Colour	Yellow - golden
Odour	Characteristic - Warm, woody, persistent
Relative Density	0.930 to 0.980 @ 20°C
Flash Point (°C)	>100 c/c



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Refractive Index	1.500 to 1.520 @ 20°C
Melting Point (°C)	No additional data available.
Boiling Point (°C)	No additional data available.
Vapour Pressure	No additional data available.
Solubility in Water @20°C	Negligible. Soluble 1 + 5 in 70% ethanol @ 20°C.
Auto-ignition temperature (°C)	Not determined

10. STABILITY AND REACTIVITY

Stability	It presents no significant reactivity hazards, by itself or in contact with water.
Conditions to Avoid	Avoid storage temperatures above 25°C
Materials to Avoid	Avoid contact with strong acids, alkalis and oxidising agents.
Hazardous Decomposition Products	Liable to cause smoke & acrid fumes during combustion: carbon monoxide, carbon dioxide & other non-identified organic compounds may be formed.

11. TOXOLOGICAL INFORMATION

Acute Toxicity	Sandalwood oil and its major constituent have low oral toxicity when fed to laboratory animals - Burdock GA <i>et al. Food Chem Toxicol</i> 46 (2), 421-32 (2007). Acute oral LD50 orl-rat: >5g/kg (RIFM data) Dermal toxicity LD50 skn-rbt: >5g/kg (RIFM data)
Skin corrosion / irritation	No official hazard designation, but known to cause occasional irritation/sensitisation in some individuals.
Serious eye damage / irritation	No additional data available.
Respiratory or skin sensitisation	No official hazard designation, but known to cause occasional irritation/sensitisation in some individuals.
Germ Cell Mutagenicity	Not mutagenic in spore Rec assay - Burdock GA <i>et al. Food Chem Toxicol</i> 46 (2), 421-32 (2007).
Carcinogenicity	Found to have anti-carcinogenic properties - Burdock GA <i>et al. Food Chem Toxicol</i> 46 (2), 421-32 (2007).
Reproductive toxicity	No additional data available.
STOT-single exposure	No additional data available.
STOT-repeated exposure	No additional data available.
Aspiration hazard	Not ascribed
Photo-toxicity	Not photo-toxic
Other Information	None

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Product Name: Sandalwood oil East Indian Revision Date: 18/05/2015 Rev No/Repl SDS Generated 01

12. ECOLOGICAL INFORMATION

Ecotoxicity	Not classified
Mobility	No additional data available.
Persistence & Biodegradability	No additional data available.
Bioaccumulation Potential	No additional data available.
PBT Assessment Results	No additional data available.
Precautions	Do not discharge into the environment especially not into waterways, sewers and the sea.

13. DISPOSAL CONSIDERATIONS

Disposal Methods	Do not release into the environment. Collect waste into suitable containers and contact hazardous chemical disposal company.
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14. TRANSPORT INFORMATION

Warning Icon	Not required
Proper Shipping Name	Not applicable
UN No. Road	Not regulated
ADR Class	Not applicable
Hazard No (ADR)	Not applicable
Hazchem Code	Not applicable
UN No. SEA	Not regulated
IMDG Class	Not applicable
IMDG Pack Gr.	Not applicable
EMS	Not applicable
UN No. AIR	Not regulated
Air Class	Not applicable
Air Pack Gr.	Not applicable

15. REGULATORY INFORMATION

EU Directives	Regulation (EC) No 1907/2006 of the European Parliament and of the Council of 18 th Dec 2006 Concerning the Registration, Evaluation, Authorisation and Restriction of Chemicals (REACH), establishing a European Chemicals Agency, amending Directive 199/45/EC and repealing Council Regulation Council Regulation (EEC) No793/93 and Commission Regulation (EC) No 1488/94 as well as Council Directive 76/769/EEC and Commission Directives 91/155/EEC, 93/67/EEC, and 93/105/EEC and 2000/21/EC including amendments.
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Statutory Instruments	The Chemicals (Hazard Information and Packaging for Supply Regulations 2009 (S.I. 2009 No 716).
Approved Code of Practice	Classification and Labelling of Substances and Preparations Dangerous for Supply. Safety Data Sheets for Substances and Preparations
Guidance Notes	Workplace Exposure Limits EH40. CHIP for everyone HSG 108.

16. OTHER INFORMATION

Revision Date	05/2015
Rev No/Repl, SDS Generated	1
Risk Phrases in Full	Not ascribed
Hazard Statements in Full	Not ascribed
Other Information	Complies with REACH guidance for SDS as circulated by ECHA 2011.

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 user's responsibility to satisfy himself as to the suitability of such information for his own particular use.