






01. IDENTIFICATION OF THE SUBSTANCE/PREPARATION & THE COMPANY/UNDERTAKING					
Product Name	Sandalwood East India Essential Oil				
Biological Definition	The volatile oil obtained from the distillation of the trunk, roots and branches of the tree Santalum Album				
INCI Name	Santalum Album Oil				
Botanical name	Santalum album Linn				
Country of Origin	India				
Product use	Domestic and Industrial				
Synonyms & Trade Names	Santalum Album Oi				
Supplier	West Coast Aromatics, 2701 Conestoga Dr Unit# 106 Carson City NV 89706 Nevada, USA Tel: +1-775-387-3000				
Emergency phone number	24 hours emergency telephone number (CHEMTREC): 800-424-9300				
Reach Registration Number <small>(According to EU Reg 1907/2006)</small>	N/A				
FEMA No.	3005	CoE No.r	420	CFR No.	21CFR172.51
CAS No.	8006-87-9	EINECS No	284-211-1	EINECS CAS No.	284-211-1
02. HAZARDS IDENTIFICATION					
Classification (1999/45)	Xi; R43, S24-37				
GHS: Classification (EC 1272/2008)	UN-GHS: SS1 EU-CLP: SS 1				
Labe in accordance with (EC) No1272/2008 Labe in accordance with (US) Labe in accordance with (CA)	 GHS07				
Signal Word	Danger				
Contains	Santalol				
Hazard Statements	H315 Causes skin irritation H317 May cause an allergic skin reaction H319 Causes serious eye irritation H335 May cause respiratory irritation.				
Precautionary Statements	P262 Do not get in eyes, on skin or on clothing P280 Wear protective gloves/protective clothing/eye protection/face protection.				
Supplementary Precautionary Statements	---				
PBT or vPvB according to Annex XIII	No additional data available.				
Adverse physio-chemical properties	Combustible but will not self-ignite				
Adverse effects on human health	Frequent or prolonged skin contact may lead to sensitization				
03. COMPOSITION/INFORMATION ON INGREDIENTS					
INGREDIENT CONTRIBUTING TO THE HAZARD					CONTENT
Santalol CAS: 8006-87-9					~ 100 %




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.
Eye Contact	Flush with plenty of water and seek medical advice if necessary.
05. FIRE-FIGHTING MEASURES	
Extinguishing Media	Use CO <sub>2</sub> , 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 vapors. Use breathing apparatus with independent air supply
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	  Goggles      Gloves
Engineering Measures	Ensure good ventilation of working area.
Respiratory Equipment	As required. Avoid breathing product vapor.
Hand Protection	Avoid all skin contact. Use chemically resistant gloves if required.
Eye Protection	Use safety glasses.
Other Protection	As required
Hygiene Measures	Wash hands with soap & water after handling



09. PHYSICAL AND CHEMICAL PROPERTIES	
Appearance	Mobile, viscous liquid
Color	Yellow - golden
Odor	Characteristic - Warm, woody, persistent
Relative Density	0.930 to 0.980 @ 20°C
Flash Point (°C)	>94.35 c/c
Refractive Index	1.500 to 1.520 @ 20°C
Melting Point (°C)	No additional data available.
Boiling Point (°C)	No additional data available.
Vapor Pressure	No additional data available.
Solubility in Water@20°C	Negligible. Soluble 1 + 5 in 70% ethanol @ 20°C.
Optical Rotation	-20° to -15° @ 20 °C
Auto ignition temperature (°C)	Data not available
10. STABILITY AND REACTIVITY	
Stability	Complies with REACH guidance for SDS as circulated by ECHA 2011. It presents no significant reactivity hazards, by itself or in contact with water
Conditions to Avoid	Avoid storage temperatures above 25°C
Material to Avoid	Avoid contact with strong acids, alkalis and oxidizing 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/sensitization in some individuals.
Serious eye damage / irritation	No additional data available.
Respiratory or skin sensitization	No official hazard designation, but known to cause occasional irritation/sensitization 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



12. ECOLOGICAL INFORMATION							
Ecotoxicity	No weight of evidence data available						
Mobility	Data not found						
Persistence & Biodegradability	Data not found						
Bioaccumulation Potential	Data not found						
PBT Assessment Results	Data not found						
Precautions	Do not discharge into the environment, especially not into waterways, sewers and the sea.						
13. DISPOSAL CONSIDERATIONS							
Disposal Methods	Dispose of product in accordance with local, state or provincial and federal regulations. Check with local municipal authority to ensure compliance Do not release into the environment. Collect waste into suitable containers and contact hazardous chemical disposal company.						
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 <sup>th</sup> Dec 2006 Concerning the Registration, Evaluation, Authorization and Restriction of Chemicals (REACH), establishing a European Chemicals Agency, amending Directive 199/45/EC and repealing 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.						
US Federal Regulations	Listed on the United States TSCA (Toxic Substances Control Act) inventory						
California Proposition 65	This product does not contain any substances known to the state of California to cause cancer, developmental and/or reproductive harm						
CANADA Regulations	Listed on the Canadian DSL (Domestic Substances List)						
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.						
NFPA Rating 	HMIS Rating <table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <td style="background-color: #0070C0; color: white;">HEALTH</td> <td style="text-align: center; color: white;">1</td> </tr> <tr> <td style="background-color: #FF0000; color: white;">FLAMMABILITY</td> <td style="text-align: center; color: white;">2</td> </tr> <tr> <td style="background-color: #FFFF00; color: white;">PHYSICAL HAZARD</td> <td style="text-align: center; color: white;">0</td> </tr> </table>	HEALTH	1	FLAMMABILITY	2	PHYSICAL HAZARD	0
HEALTH	1						
FLAMMABILITY	2						
PHYSICAL HAZARD	0						



	PERSONAL PROTECTION	-
<b>16. OTHER INFORMATION</b>		
Revision Date	08/22	
Rev No/Repl, SDS Generated	3	
Risk Phrases in Full	R43 May cause sensitization by skin contact	
Hazard Statements in Full	H317 May cause an allergic skin reaction	
Other Information	Complies with REACH guidance for SDS as circulated by ECHA 2011.	

#### Disclaimer & Caution

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