





# West Coast

## aromatics

### Safety Data Sheet (SDS)

Revision Date: October 10, 2022

01. IDENTIFICATION OF THE SUBSTANCE/PREPARATION & THE COMPANY/UNDERTAKING			
Product Name	Basil Holy Tulsi Essential Oil		
Biological Definition			
INCI Name	Ocimum Sanctum (Holy Basil) Leaf Oil		
Botanical name	Ocimum Sanctum		
Country of Origin	India		
Product use	Domestic and Industrial		
Synonyms & Trade Names	-----		
Supplier	West Coast Aromatics, 2701 Conestoga Dr Unit# 105 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		
CAS No.	91845-35-1	EC / List no.	EINECS CAS No. 295-208-3
02. HAZARDS IDENTIFICATION			
Classification (1999/45)	Acute Toxicity Oral, Category 4 Skin Corrosion/Irritation, Category 2 Serious eye damage/eye irritation, Category 2A Specific Target Organ toxicity – single exposure, Category 3 Hazardous to aquatic environment Short term/Acute, Category 3 Hazardous to aquatic environment Long term/Chronic, Category 3 The Full Text for all Hazard Statements is displayed in Section 16		
GHS: Classification (EC 1272/2008)	H226: Flammable liquids, Hazard Category 3; H303: May be harmful if swallowed Category 5 H315: Causes skin irritation. Category 2; H317: May cause an allergic skin reaction. Category 1 H319: Causes serious eye irritation. Category 2A H335: May cause respiratory irritation. Category 3 H341: Suspected of causing genetic defects. Category 2 H351: Suspected of causing cancer. Category 2 H402: Harmful to aquatic life. Category 3 H412: Harmful to aquatic life with long lasting effects. Category 3		
Labe in accordance with (EC) No1272/2008 Labe in accordance with (US) Labe in accordance with (CA)	 GHS07  GHS08		
Signal Word	Warning		
Contains			
Hazard Statements	H226 Flammable H302 Harmful if swallowed H312 Harmful if in contact with skin H315 Causes skin irritation H317 May cause an allergic skin reaction H319 Causes serious eye irritation H412 Harmful to aquatic life with long lasting effects		



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<b>Precautionary Statements</b>	<p>P102 - Keep out of the reach of children.            P264 –Wash hands thoroughly after handling.            P270 – Do not eat, drink, or smoke when using this product.            P301 + P312 – IF SWALLOWED: Call a POISON CENTER/doctor/physician/ if you feel unwell.            P330 – Rinse mouth.            P501 – Dispose of contents/container to an approved waste disposal plant.            P280 – Wear protective gloves/protective clothing/eye protection/face protection.            P302 + P352 – IF ON SKIN: Wash with plenty of water/soap.            P332 + P313 – If skin irritation occurs: Get medical advice/attention.            P362 + P364 – Take off contaminated clothing and wash it before reuse.            P264 –Wash hands thoroughly after handling.            P305 + P351 + P338 – IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.            P337 + P313 – If eye irritation persists: Get medical advice/attention.            P261 – Avoid breathing dust/fume/gas/mist/vapours/spray.            P271 – Use only outdoors or in well-ventilated area.            P304 + P340 – IF INHALED: remove person to fresh air and keep comfortable for breathing.            P312 – Call a POISON CENTER/doctor/physician/ if you feel unwell.            P403 + P233 – Store in well-ventilated place. Keep container tightly closed.            P273 – Avoid release to the environment</p>
<b>Supplementary Precautionary Statements</b>	None
<b>PBT or vPvB according to Annex XIII</b>	No additional data available.
<b>Adverse physio-chemical properties</b>	No additional data available.
<b>Adverse effects on human health</b>	No additional data available.

### 03. COMPOSITION/INFORMATION ON INGREDIENTS

Chemical Name (common name)	CAS# TSCA	CAS# EINECS	ICSC#	RTECS#	UN#	EINECS#	% By weight
Tulsi (Holy Basil) Oil	N/A	91845-35-1	N/A	N/A	N/A	295-208-3	100 %
EU Allergens:							
Eugenol	97-53-0	202-589-1	N/A	N/A	N/A	N/A	≥ 30 %
Limonene	138-86-3	N/A	N/A	N/A	N/A	N/A	≤ 0.61 %
Geraniol	106-24-1	N/A	N/A	N/A	N/A	N/A	< 1.5%
Linalool	78-70-6	N/A	N/A	N/A	N/A	N/A	≤ 0.22 %
Prop 65:							
Estragole	140-67-0	N/A	N/A	N/A	N/A	N/A	≤ 0.35 %
Methyl eugenol	93-15-2	N/A	N/A	N/A	N/A	N/A	≥ 2 %

### 04. FIRST AID MEASURES

<b>General Information</b>	See categories below
<b>Inhalation</b>	Breathing high concentrations of vapor may cause anesthetic effects.
<b>Ingestion</b>	DO NOT INDUCE VOMITING! Immediately rinse mouth and provide fresh air. Seek medical attention.




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Skin Contact	No harmful effect with normal skin. If skin irritation does occur, wash with water and soap and rinse thoroughly. Seek medical attention if any discomfort continues.
Eye Contact	Immediately flush with plenty of water for up to 15 minutes. Remove any contact lenses and open eyes wide apart. Seek medical attention immediately. Continue to rinse.
<b>05. FIRE-FIGHTING MEASURES</b>	
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
<b>06. ACCIDENTAL RELEASE MEASURES</b>	
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.
<b>07. HANDLING AND STORAGE</b>	
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.
<b>08. EXPOSURE CONTROLS/PERSONAL PROTECTION</b>	
Protective Equipment	 <p>Goggles      Gloves      Protective Clothing</p>
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
<b>09. PHYSICAL AND CHEMICAL PROPERTIES</b>	
Appearance	Liquid.
Color	Pale yellow to brown
Odor	Sweet, pungent and typical odor of eugenol
Specific gravity	@ 20 °C: 0.954 – 0.994
Flash Point (°C)	97°C
Refractive Index	@ 20°C: 1.501 – 1.521
Melting Point (°C)	No additional data available.
Boiling Point (°C)	No additional data available.
Vapor Pressure	No additional data available.



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Solubility in Water@20°C	Insoluble in water.
Optical Rotation	No additional data available
Auto ignition temperature (°C)	Product is not self-igniting.
<b>10. STABILITY AND REACTIVITY</b>	
Stability	Stable under the recommended handling and storage conditions.
Conditions to Avoid	Heat, flames and other sources of ignition
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.
<b>11. TOXOLOGICAL INFORMATION</b>	
Acute Toxicity	Oral LD50 (Rat) 1400 mg/kg Dermal LD50 (rabbit) > 5000mg/kg
Skin corrosion / irritation	May be irritating to skin. This substance does not meet the criteria for classification in accordance with Regulation (EC) No 1272/2008.
Serious eye damage / irritation	May be irritating to eyes. Prompt rinsing and removal of the substance will avoid damage. Potential exists. Wear adequate eye/face protection.
Respiratory or skin sensitization	Breathing high concentrations of vapor may cause anesthetic effects. This substance does not meet the criteria for classification in accordance with Regulation (EC) No 1272/2008.
Germ Cell Mutagenicity	This substance does not meet the criteria for classification in accordance with Regulation (EC) No 1272/2008.
Carcinogenicity	<b>IARH:</b> No component of this product present at levels greater than or equal to 0.1% is identified as probable, possible or confirmed human carcinogen by IARC. <b>ACGIH:</b> No component of this product present at levels greater than or equal to 0.1% is identified as probable, possible or confirmed human carcinogen by IARC. <b>NTP:</b> No component of this product present at levels greater than or equal to 0.1% is identified as probable, possible or confirmed human carcinogen by IARC. <b>OSHA:</b> No component of this product present at levels greater than or equal to 0.1% is identified as probable, possible or confirmed human carcinogen by IARC. This substance does not meet the criteria for classification in accordance with Regulation (EC) No 1272/2008.
Reproductive toxicity	This substance does not meet the criteria for classification in accordance with Regulation (EC) No 1272/2008.
STOT single exposure	This substance does not meet the criteria for classification in accordance with Regulation (EC) No 1272/2008.
STOT repeated exposure	This substance does not meet the criteria for classification in accordance with Regulation (EC) No 1272/2008.
Aspiration hazard	This substance does not meet the criteria for classification in accordance with Regulation (EC) No 1272/2008.
Photo toxicity	No additional data available.
Other Information	<b>Information on the likely routes of exposure:</b> Skin/scalp contact. <b>Symptoms related to the physical, chemical, and toxicological characteristics:</b> None known. Irritation of the eye if exposed. Redness of the skin if irritated. <b>Delayed and immediate effects and also chronic effects from short-term and long-term exposure:</b> Exposure to vapors from this solvent in excess of the stated occupational exposure limit may result in adverse health effects such as mucous membrane and respiratory system irritation and adverse effects on kidney, liver, and central nervous system. Repeated or prolonged contact with the substance may cause removal of natural oil from the skin, resulting in non-allergic contact dermatitis





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	and absorption through the skin. Splashes in the eyes may cause irritation and reversible damage.
<b>12. ECOLOGICAL INFORMATION</b>	
Ecotoxicity	See each category below for specific substances.
Mobility	Not determined
Persistence & Biodegradability	Biodegradation is expected
Bioaccumulation Potential	Bioaccumulation is unlikely
PBT Assessment Results	No data found
Precautions	Do not allow product to enter streams, sewers or other waterways. Water hazard class 2.
<b>13. DISPOSAL CONSIDERATIONS</b>	
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.
<b>14. TRANSPORT INFORMATION</b>	
Warning Icon	 
Proper Shipping Name	Extracts, Aromatic, Liquid.
UN No. Road	Not regulated
ADR Class	Not regulated
Road Pack Gr.	Not regulated
UN No. SEA	Not regulated
IMDG Class	Not regulated
IMDG Pack Gr.	Not regulated
UN No. AIR	Not regulated
Air Class	Not regulated
Air Pack Gr.	Not regulated
<b>15. REGULATORY INFORMATION</b>	
EU Directives	See EU Allergens in Section 3 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 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	Not regulated
California Proposition 65	This product can expose you to chemicals including Estragole, Methyl eugenol, which is known to the State of California to cause cancer. For more information, go to <a href="http://www.p65warnings.ca.gov">www.p65warnings.ca.gov</a>
CANADA Regulations	Not regulated
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



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<b>Guidance Notes</b>	Workplace Exposure Limits EH40. CHIP for everyone HSG 108.	
<b>NFPA Rating</b>  	<b>HMIS Rating</b>	
	HEALTH	1
	FLAMMABILITY	2
	PHYSICAL HAZARD	0
	PERSONAL PROTECTION	-
<b>16. OTHER INFORMATION</b>		
<b>Revision Date</b>	10/22	
<b>Rev No/Repl, SDS Generated</b>	7	
<b>Hazard Statements in Full</b>	H226 Flammable H302 Harmful if swallowed H312 Harmful if in contact with skin H315 Causes skin irritation H317 May cause an allergic skin reaction H319 Causes serious eye irritation H341 Suspected of causing genetic defects. H351 Suspected of causing cancer H412 Harmful to aquatic life with long lasting effects	
<b>Other Information</b>	Complies with REACH guidance for SDS as circulated by ECHA 2011.	

### Disclaimer & Caution

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