






# West Coast

## aromatics

### Safety Data Sheet (SDS)

Revision Date: November 21, 2022




01. IDENTIFICATION OF THE SUBSTANCE/PREPARATION & THE COMPANY/UNDERTAKING					
Product Name	<b>Anise Star (Essential Oil)</b>				
Biological Definition	The volatile oil produced from the fruits of <i>Illicium verum</i> Hook				
INCI Name	Illicium verum fruit oil				
Botanical name	Illicium Verum				
Country of Origin	China				
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	<b>24 hours emergency telephone number (CHEMTREC): 800-424-9300</b>				
Reach Registration Number <small>(According to EU Reg 1907/2006)</small>	N/A				
FEMA No.	2096	CoE No.r	238	CFR No	21CFR182.20
CAS No.	68952-43-2	EINECS No	283-518-1	EINECS CAS No.	283-518-1
02. HAZARDS IDENTIFICATION					
Classification (1999/45)	Xn; R40-43-52/53-68, S24-36/37-61				
GHS: Classification (EC 1272/2008)	UN-GHS: ATO 5(2600), SCI 3, SS 1,CAR 2, MUT 2, EH A3,C3 EU-CLP: SS 1,CAR 2, MUT 2				
Labe in accordance with (EC) No1272/2008 Labe in accordance with (US) Labe in accordance with (CA)	   GHS07      GHS08      GHS09				
Signal Word	Danger				
Contains	Limonene, linalool				
Hazard Statements	H317 May cause an allergic skin reaction H341 Suspected of causing genetic defects H351 Suspected of causing cancer				
Precautionary Statements	P262 Do not get on skin, in eyes or on clothing P280 Wear protective gloves/protective clothing/eye protection/face protection P281 Use personal protection equipment as required				
Supplementary Precautionary Statements	P302+P352: IF ON SKIN: Wash with plenty of soap and water. P333+P313: If skin irritation or rash occurs: Get medical advice/attention. P391: Collect spillage				
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	May cause skin sensitization/irritation. Listed as mutagen and carcinogen category 2.				



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03. COMPOSITION/INFORMATION ON INGREDIENTS		
INGREDIENT CONTRIBUTING TO THE HAZARD		CONTENT
Anethole	UN-GHS : ATO 5 (3,000), EH-A 2, SCI 3, SS 1	~ 80 % to ~ 95 %
Methyl chavicol	UN-GHS : ATO 4 (1,230), CAR 2, FL 4, MUT 2, SCI 3, SS 1	~ 0.5 to ~ 6 %
Estragole	UN-GHS: ATO 4(1230) SCI 3, SS 1, CAR 2, MUT 2	~ <3 %
Limonene	UN-GHS: SCI 2; SS 1; EH A1,C1	~ 0.2 to ~ 3 %
Linalool	UN-GHS: ATO 5(3000), EDI 2A, EH A3,SCI2	~ <2.5 %
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      Protective Clothing	
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.	



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Other Protection	As required
Hygiene Measures	Wash hands with soap & water after handling
<b>09. PHYSICAL AND CHEMICAL PROPERTIES</b>	
Appearance	Liquid freezing below 15°C
Color	Pale yellow to yellow
Odor	Anetholic sweet and spicy
Relative Density	0.979 @ 20°C.
Flash Point (°C)	83 c/c
Refractive Index	1.544 to 1.564 @ 20°C
Melting Point (°C)	15.5
Boiling Point (°C)	232°C @ 760 mm Hg
Vapor Pressure	Not determined
Solubility in Water@20°C	98.7 mg/L (est.)
Optical Rotation	Data not available
Auto ignition temperature (°C)	Data not available
<b>10. STABILITY AND REACTIVITY</b>	
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 storing for prolonged periods in hot areas and in containers pervious to direct light.
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	Acute Oral toxicity LD50: 2.75g/kg: Opdyke DLJ (1975) FCT 13, 715
Skin corrosion / irritation	Non-irritating to human skin at 4%: Opdyke DLJ (1975) FCT 13,715.
Serious eye damage / irritation	Potential exists. Wear adequate eye/face protection.
Respiratory or skin sensitization	Skin sensitization Category 1 according to GHS & CLP following EU 1272/2008 guidelines.
Germ Cell Mutagenicity	Category 2 according to GHS & CLP following EU 1272/2008 guidelines.
Carcinogenicity	Category 2 according to GHS & CLP following EU 1272/2008 guidelines.
Reproductive toxicity	Not listed anywhere as reprotoxic.
STOT single exposure	Data not found
STOT repeated exposure	Data not found
Aspiration hazard	Not determined
Photo toxicity	Not photo-toxic
Other Information	None
<b>12. ECOLOGICAL INFORMATION</b>	
Ecotoxicity	Hazardous to the aquatic environment — long-term hazard, Category chronic 3.
Mobility	Not determined
Persistence & Biodegradability	Not determined
Bioaccumulation Potential	Not determined
PBT Assessment Results	No data found
Precautions	Do not discharge into the environment especially into watercourses.





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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									
Proper Shipping Name	ADR/RID: Not dangerous goods IMDG: Not dangerous goods. Marine pollutant. IATA: Not dangerous goods								
UN No. Road	Not regulated								
ADR Class	Not regulated								
Hazard No (ADR)	Not regulated under ADR								
Hazchem Code	Not applicable								
UN No. SEA	Not regulated								
IMDG Class	Not regulated								
IMDG Pack Gr.	Not regulated								
EMS	Not regulated								
UN No. AIR	Not regulated								
Air Class	Not regulated								
Air Pack Gr.	Not regulated								
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 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 can expose you to chemicals including estragole, 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	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> <tr> <td style="background-color: #000000; color: white;">PERSONAL PROTECTION</td> <td style="text-align: center; color: white;">-</td> </tr> </table>	HEALTH	1	FLAMMABILITY	2	PHYSICAL HAZARD	0	PERSONAL PROTECTION	-
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16. OTHER INFORMATION	
Revision Date	11/22
Rev No/Repl, SDS Generated	1
Risk Phrases in Full	R40: Limited evidence of a carcinogenic effect. R43: May cause sensitization by skin contact. R51/53: Toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment. R68: Possible risk of irreversible effect
Hazard Statements in Full	H317 May cause an allergic skin reaction H341 Suspected of causing genetic defects H351 Suspected of causing cancer H411 Toxic to aquatic life
Other Information	Complies with REACH guidance for SDS as circulated by ECHA 2011.

#### Disclaimer & Caution

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