Certificate Of Analysis Sheet FENNEL SWEET ESSENTIAL OIL

FOENICULUM VULGARE MILL VAR DULCE

Botanical Origin: UNITED STATES	L	₋ot#: 9585		
Product Information				
Extraction Method: STEAM DISTILLED		Parts Used: SEE	D	
Quality: 100% PURE & NATURAL	Cultivatio	on: Cultivated Beds.		
Shelf Life: 2 YEARS				
Analysis Specifications				
======================================				==
Appearanceorganolepticcolorless to slightlyequ	uivalent			
Aromaorganolepticcharacteristicequivalent				
Refractive Index at 20*CEP 2011, 2.2.61.530/1.55	01.537	79		
Optical Rotation at 20*CEP 2011, 2.2.7+5*to +20*+15.2*				
Specific Gravity At 20*CEP 2011, 2.2.50.950/0.9700.9626				
Quantitative AnalysisEP 2011, 2.2.28(GC-Area%)(GC-	Area%)		==
-alpha-Pinene52				
-Limonene5.7				
-Fenchone5.8				
-Methylchavicol3.0				
-cis-Anethol0.1				
-trans-Anethol74.6				
-Anisaldehyde0.1				

Material Safety Data Sheet				
Info	Identification			
FEMA No	N/A			
CAS No.	N/A			
Chemical Name				
Health				
Flammability				
Reactivity				
Info	Fire, Explosion & Reactivity			
Flash Point	175.5 F			
Extinguishing Media	FOG-No CO2-Yes FOAM-Yes DRY-Yes			
Dot				
Classification	N/A			
Stability				
NFPA	N/A			
Classification				
Fire Fighting Unusual Fire	N/A			
Hazard	N/A			
Hazardous				
Combustable	Carbon monoxide and unidentified organics compounds may be formed			
Decomposition	duringûcombustion.			
Products				
Info	Physical Data			
Color & Odor	Clear, Pale yellow liquid			
Boiling Point	175.5			
Melting Point	N/A			
Vapor Pressure	N/A			
Vapor Density	N/A COMPLIES			
Water Solubility Info				
11110	Protection Data			
Respiratory	Avoid breathing directly on the product. Apply local ventilations whenûappropriate.			
Ventilation	Ensure good ventilation of the workstation.			
Skin	Avoid skin contact. Use chemical resistant gloves as needed.			
Eye	Use safety glasses.			
Other	Wash hands with soap & water after handling.			
Info	Occupational Exposure Limit			
Threshold Limit	N/A			
OSHA Permissible	N/A			
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Limit Carcinogen NTP Limit IARC Limit OSHA Limit Carcinogen Notes	N/A N/A N/A N/A N/A
Info Material Type	Health Hazards
Health Hazard Primary Entry	
Routes	
Health Hazard Notes	
Info	Emergency First Aid
Inhalation	REMOVE FROM EXPOSURE SITE TO FRESH AIR AND KEEP AT REST. OBTAIN-MEDICAL ADVICE.
Eye Contact	RINSE IMMEDIATELY WITH PLENTY OF WATER FOR 10 MINUTES AT LEASTCONTACT A PHYSICIAN IF SYMPTOMS PERSIST. WASH THOROUGHLY WITH SOAP AND WATER, FLUSH WITH
Skin Contact	PLENTY OF WATERTAKE OFF SPOILT CLOTHES. CONTACT A PHYSICIAN IF SYMPTOMS-PERSIST.
Ingestion	WASH MOUTH WITH WATER, SEEK MEDICAL ADVICE IMMEDIATELY.
First Aid Notes	
Info	Spill, Leakage & Disposal Procedures CONTAIN SPILLED MATERIAL WITH AN INERT, NONCOMBUSTIBLE,
Spill Procedures	INORGANIC ABSORBENT-MATERIAL OR SWEEP UP AND REMOVE TO AN APPROVED DISPOSAL CONTAINER. AVOID-OPEN FLAMES OR OTHER SOURCES OF IGNITION.
Waste Disposal	
Info	Handling & Shipping Procedures
Handling & Shipping Procedures	Apply according to good manufacturing and industrial hygiene practices with proper ventilation. Do not drink, eat or smoke while handling. Respect good personal hygiene. Store in a cool, dry and ventilated area away from heat sources and protected from light in a tightly closed original container. Keep air contact to a minimum. Keep away from ignition sources and naked flame.
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