

ZENITH SUPPLIES, INC.

MATERIAL SAFETY DATA SHEET

SPRUCE ESSENTIAL OIL

24 HR EMERGENCY CONTACT CHEMTRAC 800-424-9300

Info	Identification
Botanical Name	
Origin	
FEMA No	
CAS No.	
Chemical Name	
Health	Slightly hazardous
Flammability	Will ignite if moderately heated
Reactivity	Stable and not reactive with water
Info	Fire, Explosion & Reactivity
Flash Point	110 F
Extinguishing Media	Foam, Dry Chemical, Carbon Dioxide
Dot Classification	
Stability	
NFPA Classification	
Fire Fighting	Fire fighters should wear positive pressure self-contained breathing apparatus. Spray extinguishing media directly at the base of the flames.
Unusual Fire Hazard	Burns with intense heat.
Hazardous Combustible Decomposition Products	When heated to decomposition, produces acrid smoke and fumes CO and CO ₂ .
Info	Physical Data
Color & Odor	Clear liquid with spruce odor
Boiling Point	
Melting Point	NF
Vapor Pressure	N/Amm Hg
Vapor Density	(Air=1): NF
Water Solubility	Insoluble
Info	Protection Data
Respiratory	Odor mask or organic vapor respirator should be worn if vapors are found too annoying/irritating.
Ventilation	Ensure good ventilation of the work station
Skin	Use oil/solvent resistant gloves, avoid skin contact..

Eye	Use chemical splash goggles or face shield.
Other	
Info	Occupational Exposure Limit
Threshold Limit	
OSHA Permissible Limit	
Carcinogen	
NTP Limit	
IARC Limit	
OSHA Limit	
Carcinogen Notes	
Info	Health Hazards
Material Type	The specific chemical identities of the ingredients of this mixture are considered as proprietary information and trade secrets. As such they are withheld in accordance with the provisions of CFR 1910.120 of Title 29. However, the toxic chemical(s) subject to these requirements fall into the generic classifications listed above.
Health Hazard	Liquid may be IRRITATING to skin, eyes and mucous membranes. Prolonged or repeated skin contact may cause allergic dermatitis.
Primary Entry Routes	Skin, inhalation.
Health Hazard Notes	
Info	Emergency First Aid
Inhalation	Remove to fresh air.
Eye Contact	Remove contact lenses. Flush eyes with cool water for at least 15 minutes. If irritation persists then call a physician.
Skin Contact	Remove contaminated clothing and shoes. Wash with mild soap and water.
Ingestion	Rinse mouth with water, and then drink one glass of water. Contact physician immediately. Never give anything by mouth if victim is unconscious, is rapidly losing consciousness, or is convulsing.
First Aid Notes	Material at the concentration supplied is not for ingestion.
Info	Spill, Leakage & Disposal Procedures
Spill Procedures	Remove all potential sources of ignition. Contain spill with inert non-combustible absorbent material and place in approved containers.
Waste Disposal	Dispose of in accordance with state, local and federal regulators.
Info	Handling & Shipping Procedures

Handling & Shipping Procedures	Store tightly sealed container in cool dry area. Do not expose to temperatures above 60 C.
Info	SARA 313 Chemical Breakdown
SARA Chemical Name	None
SARA Concentration	None

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