

ZENITH SUPPLIES, INC.
MATERIAL SAFETY DATA SHEET
BIRCH SWEET ESSENTIAL OIL

24 HR EMERGENCY CONTACT CHEMTRAC 800-424-9300

Info	Identification
Botanical Name	Betula Lenta
Origin	USA
FEMA No	2745
CAS No.	8008-93-3
Chemical Name	Birch Sweet Oil
Health	Slightly Hazardous.
Flammability	Will ignite if overheated.
Reactivity	Stable and not reactive with water
Info	Fire, Explosion & Reactivity
Flash Point	205 F
Extinguishing Media	Foam, Dry Chemical, Carbon Dioxide
Dot Classification	
Stability	Stable
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	Water is UNSUITABLE for use on burning materials, but may be used to cool containers exposed to heat.
Hazardous Combustible Decomposition Products	When heated to decomposition produces acrid smoke and fumes. Combustion may produce Carbon Monoxide and Carbon Dioxide.
Info	Physical Data
Color & Odor	Clear colorless to pale amber liquid.
Boiling Point	222 C.
Melting Point	-8 C
Vapor Pressure	0.1mm Hg @ 20 F
Vapor Density	(Air=1): 5.2
Water Solubility	Insoluble
Info	Protection Data
Respiratory	No special protection; Odor mask or organic vapor respirator should be worn if vapors are found too annoying/irritating.
Ventilation	Local explosion proof exhaust recommended.

Skin	Use oil/solvent resistant gloves.
Eye	Use chemical splash goggles or face shield.
Other	
Info	Occupational Exposure Limit
Threshold Limit	Data not found.
OSHA Permissible Limit	Data not found.
Carcinogen	No
NTP Limit	No
IARC Limit	No
OSHA Limit	No
Carcinogen Notes	
Info	Health Hazards
Material Type	Nature identical essential oil
Health Hazard	Liquid may be IRRITATING to skin and eyes; or cause dermatitis, could cause problems similar to aspirin poisoning.
Primary Entry Routes	Eyes, Skin, Ingestion.
Health Hazard Notes	Ingestion of small amounts could have severe health effects. Average lethal dose: 10ml children, 30ml adult. Symptoms: Nausea, vomiting, acidosis, pulmonary edema, pneumonia, convulsions, death (do not use when pregnant or lactating)
Info	Emergency First Aid
Inhalation	Remove to fresh air, and call a physician.
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. Consult a physician.
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 in full sealed containers in cool dry place away from sources of ignition heat or direct sunlight. Follow good industrial and hygienic practices. Do not expose to temperatures above 35C

Info	SARA 313 Chemical Breakdown
SARA Chemical Name	This mixture contains toxic chemical or chemicals-subject to the reporting requirements of section-313 of title III of superfund amendments and-reauthorization act of 1986 and 40
SARA Concentration	None

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