

**ZENITH SUPPLIES, INC.**  
**MATERIAL SAFETY DATA SHEET**  
**ORANGE SWEET CP FCC ESSENTIAL OIL**  
**24 HR EMERGENCY CONTACT CHEMTRAC 800-424-9300**

Info	Identification
Botanical Name	Citrus Aurantium
Origin	USA
FEMA No	
CAS No.	8000-57-9
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	Class B
Stability	Unstable
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 <sub>2</sub> .
Info	Physical Data
Color & Odor	Bright and clear; yellow to orange liquid; characteristic odors of fresh sweet orange peel.
Boiling Point	310 F
Melting Point	NF
Vapor Pressure	2mm Hg
Vapor Density	(Air=1): NF
Water Solubility	Not soluble
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	Not established for D-Limonene or Citrus Oils.
OSHA Permissible Limit	
Carcinogen	No
NTP Limit	
IARC Limit	
OSHA Limit	
Carcinogen Notes	
Info	Health Hazards
Material Type	Cold pressed fruit oil
Health Hazard	Liquid may be IRRITATING to skin, eyes and mucous membranes. May cause dermatitis.
Primary Entry Routes	
Health Hazard Notes	
Info	Emergency First Aid
Inhalation	Remove to fresh air. If breathing is difficult, get medical attention.
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	
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 well filled inert gas purged drums, not to exceed 68 F to prevent oxidation and preserve quality. Should use epoxy-

	lined or flavor-free phenolic containers. Store in dark, dry and under cold temperatures.
Info	SARA 313 Chemical Breakdown
SARA Chemical Name	None
SARA Concentration	None

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