

ZENITH SUPPLIES, INC.

MATERIAL SAFETY DATA SHEET

MANDARIN ESSENTIAL OIL

24 HR EMERGENCY CONTACT CHEMTRAC 800-424-9300

Info	Identification
Botanical Name	
Origin	
FEMA No	2657
CAS No.	8008-31-9
Chemical Name	Oils, Mandarin
Health	
Flammability	
Reactivity	
Info	Fire, Explosion & Reactivity
Flash Point	114.8 F
Extinguishing Media	Foam, Dry Chemical, Carbon Dioxide
Dot Classification	Combustible
Stability	Stable
NFPA Classification	0-2-0
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	Combustion may produce Carbon monoxide and/or dioxide.
Info	Physical Data
Color & Odor	Liquid with characteristic odor of fresh fruity citrus.
Boiling Point	Data not found
Melting Point	Data not found
Vapor Pressure	Data not found
Vapor Density	(Air=1) N/A
Water Solubility	Negligible
Info	Protection Data
Respiratory	Normally protection may not be required a well-ventilated area. Odor mask or organic vapor respirator should be worn if vapors are found too annoying/irritating.
Ventilation	

Skin	Use oil/solvent resistant gloves.
Eye	Use chemical splash goggles or face shield.
Other	
Info	Occupational Exposure Limit
Threshold Limit	Data not established.
OSHA Permissible Limit	Data not found.
Carcinogen	No
NTP Limit	
IARC Limit	
OSHA Limit	
Carcinogen Notes	
Info	Health Hazards
Material Type	
Health Hazard	Liquid may be IRRITATING to skin and eyes.
Primary Entry Routes	
Health Hazard Notes	
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. Dilute with milk or water. Consult a physician.
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	
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.
Info	SARA 313 Chemical Breakdown
SARA Chemical Name	None
SARA Concentration	None

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