

# ZENITH SUPPLIES, INC.

## MATERIAL SAFETY DATA SHEET

### CLOVE BUD ESSENTIAL OIL

24 HR EMERGENCY CONTACT CHEMTRAC 800-424-9300

Info	Identification
Botanical Name	
Origin	
FEMA No	2323
CAS No.	8015-98-2
Chemical Name	Oils, Clove Bud
Health	
Flammability	
Reactivity	
Info	Fire, Explosion & Reactivity
Flash Point	>200 F
Extinguishing Media	Foam, Dry Chemical, Carbon Dioxide
Dot Classification	Non-hazardous
Stability	Stable
NFPA Classification	1-1-0
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	When heated to decomposition, produces acrid smoke and fumes. Combustion may produce Carbon Monoxide and Carbon Dioxide.
Info	Physical Data
Color & Odor	A clear light yellow liquid possessing a strong spicy character.
Boiling Point	Data not found
Melting Point	Data not found
Vapor Pressure	N/A Hg @ 20 C
Vapor Density	Data not found
Water Solubility	Not Soluble
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	
<b>Info</b>	<b>Occupational Exposure Limit</b>
Threshold Limit	Data not found.
OSHA Permissible Limit	Data not found.
Carcinogen	No
NTP Limit	
IARC Limit	
OSHA Limit	
Carcinogen Notes	No
<b>Info</b>	<b>Health Hazards</b>
Material Type	
Health Hazard	Liquid may be IRRITATING to skin and eyes. Repeated contact may cause allergic dermatological reaction.
Primary Entry Routes	
Health Hazard Notes	
<b>Info</b>	<b>Emergency First Aid</b>
Inhalation	Remove to fresh air. Give artificial respiration if necessary. Get medical attention immediately.
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 if necessary.
First Aid Notes	
<b>Info</b>	<b>Spill, Leakage &amp; Disposal Procedures</b>
Spill Procedures	Remove all potential sources of ignition. Contain spill with inert non-combustible absorbent material, and place in approved containers.
Waste Disposal	
<b>Info</b>	<b>Handling &amp; Shipping Procedures</b>
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.
<b>Info</b>	<b>SARA 313 Chemical Breakdown</b>
SARA Chemical	None

Name	
SARA Concentration	None

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