

**ZENITH SUPPLIES, INC.**  
*Material Safety Data Sheet*  
**CALENDULA ESSENTIAL OIL**

**24 HR EMERGENCY CONTACT CHEMTRAC 800-424-9300**

Info	Identification
Botanical Name	Calendula Officinalis
Origin	Zimbabwe
FEMA No	2658
CAS No.	70892-20-5
Chemical Name	
Health	Ordinary combustible hazards in a fire.
Flammability	Will ignite if moderately heated.
Reactivity	Stable and not reactive with water.
Info	Fire, Explosion & Reactivity
Flash Point	120 F
Extinguishing Media	Foam, Dry Chemical, Carbon Dioxide
Dot Classification	Combustible liquid (non-bulk packaging)
Stability	Stable
NFPA Classification	1-2-0
Fire Fighting	None
Unusual Fire Hazard	None
Hazardous Combustible Decomposition Products	Combustion may produce smoke, CO and CO <sub>2</sub> .
Info	Physical Data
Color & Odor	Characteristic herbaceous odor, yellow to amber orange liquid.
Boiling Point	N/A
Melting Point	N/A
Vapor Pressure	N/A
Vapor Density	N/A
Water Solubility	Insoluble
Info	Protection Data
Respiratory	Do not breathe vapors. Mechanical exhaust required. In confined or poorly ventilated areas, the use of an appropriate respiratory protection may be required.
Ventilation	
Skin	Compatible chemical-resistant gloves are recommended.

	Wash contaminated gloves before reuse.
Eye	Chemical safety goggles are recommended. Was contaminated goggles before reuse.
Other	Avoid inhalation and contact with skin and eyes. Good personal hygiene practices should be used. Wash after any contact, before breaks and meals, and at the end of the work period. Safety shower and eyebath recommended.
<b>Info</b>	<b>Occupational Exposure Limit</b>
Threshold Limit	N/A
OSHA Permissible Limit	N/A
Carcinogen	NOT A CARCINOGEN OR POTENTIAL CARCINOGEN
NTP Limit	No
IARC Limit	No
OSHA Limit	No
Carcinogen Notes	NONE
<b>Info</b>	<b>Health Hazards</b>
Material Type	Natural essential oil
Health Hazard	Liquid may irritate eyes. Liquid may irritate skin.
Primary Entry Routes	Inhalation-skin
Health Hazard Notes	One or more of the components present in greater than 1% concentration, may present the following health effects. Based on evaluation by the individual components.
<b>Info</b>	<b>Emergency First Aid</b>
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	Wash well with soap and water.
Ingestion	Follow with ingestion of milk, gelatin, egg or other protein to decrease absorption. Consult a physician.
First Aid Notes	None
<b>Info</b>	<b>Spill, Leakage &amp; Disposal Procedures</b>
Spill Procedures	Spills or leaks pose no problem. Contain and recover them with absorbants. Place soaked absorbant in covered metal receptacles.
Waste Disposal	Incinerate soaked absorbant or dispose in conformity with local disposal regulations. The material should not be disposed of in any type of effluent.
<b>Info</b>	<b>Handling &amp; Shipping Procedures</b>
Handling & Shipping	Keep in a safe cool dry area.

Procedures	
Info	SARA 313 Chemical Breakdown
SARA Chemical Name	None
SARA Concentration	None