

Artisan Aromatics, LLC

THERAPEUTIC QUALITY ESSENTIAL OILS

58 Reed Rd, Fairview NC 28730

www.ArtisanEssentialOils.com

MATERIAL SAFETY DATA SHEET

24 HOUR EMERGENCY TELEPHONE NO. (CHEMTREC): 800-424-9300

INTERNATIONAL EMERGENCY NO. (CHEMTREC): 703-527-3887

OTHER INFORMATION: 574-259-7000 / 574-546-4942

1. PRODUCT NAME AND COMPANY IDENTIFICATION

Product Name: CALENDULA OIL
Product Use: Personal Care Formulations
Botanical Name: Calendula officinalis

2. COMPOSITION/INGREDIENT INFORMATION

Ingredients:
Fatty acid extract from calendula blossoms. The fatty oil used for extraction is soy oil.
Hazardous Components: None
CAS #:

3. HAZARDS IDENTIFICATION

Non-hazardous according to the criteria of the Dangerous Substances Regulations.

Routes of Entry

Eye Contact: No known hazard
Skin Contact: No known hazard
Ingestion: No known hazard
Inhalation: No known hazard

4. FIRST AID MEASURES

Eyes: Flush with plenty of water or eye wash solution for 15 minutes. Get medical attention if irritation persists.
Skin: Wash with soap and water- get medical attention if irritation occurs.
Ingestion: N/A
Inhalation: N/A
Medical Conditions Generally Aggravated by Exposure: None

5. FIRE FIGHTING MEASURES

Extinguishing Media: Dry Chemical, Carbon Dioxide, Foam
Unsuitable Extinguishing Media: Water
Special Firefighting Procedures: Limit the spread of oil. Treat as an oil (edible fat) fire. Use air supplied equipment for fighting interior fires.
Unusual Fire & Explosion Hazards: Not established

6. ACCIDENTAL RELEASE MEASURES (STEPS FOR SPILLS)

Personal Protection:	N/A
Environmental Protection:	N/A
Methods for Cleaning Up:	Absorb onto an inert, absorbent substrate and sweep up. Wash area with soap and water. Area may be slippery; take precautions.

7. HANDLING AND STORAGE

Handling

Safe Handling:	Keep away from oxidizing agents, excessive heat and sources of ignition.
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Storage

Requirements for Storage Areas and Containers:	Store in a cool, dry location, in a sealed container in a well ventilated area.
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8. EXPOSURE CONTROL/PERSONAL PROTECTION

Eye:	Not required but safety glasses may be worn.
Skin/Body:	Not required but lab coats and gloves may be worn.
Respiratory:	Not needed under normal conditions of use.
Ventilation:	Handle in well ventilated areas.
Other:	Evaluate need based on application. Slip proof shoes may be worn where spills may occur.
Work/Hygiene Practice:	Normal work and hygiene practices for handling non-hazardous liquid material.

9. PHYSICAL AND CHEMICAL PROPERTIES

Physical State:	Liquid, oily
Color:	Clear, reddish-yellow
	Odor: Characteristic, aromatic
Density 20C:	0.918- 0.922 g/cm ³ DAB 10
Acid Value: (% oleic)	Not available
Vapor Pressure (mm Hg.):	N/A
Vapor Density (AIR = 1):	N/A
Flash Point:	Approx. 320°C DIN 51758(Pensky-Martens)
Boiling Point:	N/A
pH:	N/A
Solubility in Water:	Insoluble

10. STABILITY AND REACTIVITY

Stability:	Stable
Incompatibility (Materials to Avoid):	Avoid strong oxidizers
Hazardous Decomposition or Byproducts:	When exposed to fire or excessive heat, the triglycerides contained in this product may form acrolein.
Conditions to Avoid:	None
Hazardous Polymerization:	Will Not Occur

11. TOXICOLOGICAL INFORMATION

Signs and Symptoms of Exposure:	None
Acute oral toxicity:	LD50 Oral:>20 ml/kg animal weight (rat): Non Toxic
Medical Conditions Generally Aggravated by Exposure:	None
Irritancy:	Skin: An O/W cream containing 10% Calendula Oil was applied to 50 volunteers for 48 hours in a patch test. The score concerning erythema, fissures and scaling was always zero. Calendula Oil can be classified as harmless as regards the possibility of skin irritation. Eyes: Calendula Oil has undergone the Draize test. There is no objection to the application of the Calendula Oil in the vicinity of the eyes.
Sensitization:	Sensitization test/ guinea -pig/Buehler: non-sensitizing.

12. ECOLOGICAL INFORMATION

Ecological Information:	No ecological hazards are associated with this product.
Biodegradability:	Calendula Oil, has a herbal extract based on soya oil, is non-toxic and easily biodegradable.

13. DISPOSAL CONSIDERATIONS

Waste Disposal Methods:	Do not put into sewer lines. Dispose of according to local, state and federal regulations.
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14. TRANSPORT INFORMATION

DOT Classification:	Not regulated
Class/Division:	Not restricted
Proper Shipping Name:	NA
Label:	None
Packing Group:	NA
ID Number:	NA
Hazard:	NA

15. REGULATORY INFORMATION

Labeling according to the Dangerous Substances regulations/EC Directive Code letter and hazard:	Non-hazardous according to the criteria of the above directive. National regulations
Water pollution hazard class:	Product presents no water pollution hazard (self-classification).

16. ADDITIONAL INFORMATION

This information is provided for documentation purposes only.
This product is not considered hazardous.

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Danger PHRASES / CODES:
RISK PHRASES / CODES:
SAFETY PHRASES / CODES:

R22 R65
R22 R65
S62

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This safety sheet cannot cover all possible situations which the user may experience during processing. Each aspect of your operation should be examined to determine if, or where, additional precautions may be necessary. All health and safety information contained in this bulletin should be provided to your employees or customers.