



Plant's Power Inc  
3-2700 St.Clair Ave west  
Toronto, Ontario, M6N 1M2  
Contact: 1-416-766-1254

## Material Safety Data Sheet Calendula Oil

### Section 1: Product and Company Identification

Product Name: Calendula Oil  
Botanical Name: *Calendula officinalis*  
INCI Name: Calendula Officinalis Flower Oil  
CAS #: 70892-20-5

#### Contact information:

Plant's Power Inc 3-2700 St.Clair Ave west Toronto, Ontario M6N 1M2 Contact: 1-416-766-1254 <a href="http://www.PlantPower.ca">http://www.PlantPower.ca</a> <a href="mailto:contactus@plantpower.ca">contactus@plantpower.ca</a>	24 HOUR EMERGENCY TELEPHONE NUMBER: (613)-996-6666 CANUTEC
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### Section 2: Composition and Information on Ingredients

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

### Section 3: Hazards Identification

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

#### Route of Entry

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

## Section 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

## Section 5: Fire and Explosion

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 Hazard:	Not established

## Section 6: Accidental Release Measures

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

## Section 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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## Section 8: Exposure Controls/Personal Protection Engineering

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.

## Section 9: Physical and Chemical Properties

Physical State:	Liquid, oily
Colour:	Clear, reddish-yellow
Odour:	Characteristic, aromatic
Specific Gravity:	0.918- 0.922 g/cm <sup>3</sup> DAB 10
Flash Point:	Approx. 320°C DIN 51758(Pensky-Martens)
Solubility in Water:	Insoluble

## Section 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

## Section 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:	<p>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.</p> <p>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.</p>
Sensitization:	Sensitization test/ guinea pig/Buehler: non-sensitizing.

## Section 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.

## Section 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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## **Section 14: Transport Information**

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

## **Section 15: Other 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)

## **Section 16: Other Information**

### **Disclaimer:**

The information above is believed to be accurate and represents the best information currently available to us. However, we make no warranty of merchantability or any other warranty, express or implied, with respect to such information, and we assume no liability resulting from its use. Users should make their own investigations to determine the suitability of the information for their particular purposes. In no event shall Plant's Power be liable for any claims, losses, or damages of any third party or for lost profits or any special, indirect, incidental, consequential or exemplary damages, howsoever arising, even if Plant's Power has been advised of the possibility of such damages.

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