



MATERIAL SAFETY DATA SHEET

CALENDULA CO2 TOTAL EXTRACT

MSDS

1. PRODUCT NAME AND COMPANY IDENTIFICATION

Product Name:	CALENDULA CO2 TOTAL EXTRACT
Product Use:	Personal Care Formulations
Company Name:	Natural Sourcing
Company Address:	341 Christian Street, Oxford, CT 06478, USA
Date Issued:	10/22/2013
Emergency Telephone Number:	Chemtrec Tel: (800) 262-8200

2. COMPOSITION/INGREDIENT INFORMATION

Ingredients:	
Calendula officinalis CO2 extract	100%
Total content of carotenoids:	0.85-1.4%
Total content of faradiol esters:	17-25%
Additional Information:	No solvent residues
Hazardous Components: None	
CAS #:	84776-23-8
EINECS #:	283-949-5

3. HAZARDS IDENTIFICATION

Environmental Hazards:	None known
Human Health Hazards:	Eye: Irritation may occur
	Skin: Irritation may occur
	Ingestion: Irritation may occur
	Inhalation: Irritation may occur

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 persists.
Ingestion:	Rinse mouth immediately and drink large quantities of water. Seek medical attention if large quantity is consumed.
Inhalation:	Remove to fresh air. Seek medical attention if needed.
Medical Conditions Generally Aggravated by Exposure:	None known

5. FIRE FIGHTING MEASURES

Extinguishing Media:	Dry Chemical, Carbon Dioxide, Foam
Special Firefighting Procedures:	Cool containers exposed to flame with water but do not use water stream to fight fire. In case of fire, wear self-contained breathing apparatus.
Unusual Fire & Explosion Hazards:	Formation of dangerous fumes possible.

6. ACCIDENTAL RELEASE MEASURES (STEPS FOR SPILLS)

Personal Protection:	Avoid contact with skin and eyes, concentrated extracts should not be swallowed.
Environmental Protection:	Keep away from canalization, waterway, and groundwater.
Methods for Cleaning Up:	Remove mechanically, placing in appropriate containers for disposal.

7. HANDLING AND STORAGE

Handling	
Safe Handling:	Avoid contact with skin and eyes, concentrated extracts should not be swallowed. Wear splash goggles and oil resistant gloves. Use with caution around heat, sparks, static electricity and open flames.

Storage	
Requirements for Storage Areas and Containers:	Store in a cool, dry location, in a sealed container, away from sunlight.

8. EXPOSURE CONTROL/PERSONAL PROTECTION

Eye:	Wear splash goggles.
Skin/Body:	Wear oil resistant gloves. Remove contaminated clothing.
Respiratory:	Do not breathe vapor/aerosol.
Ventilation:	Area should be well ventilated.
Other:	Evaluate need based on application.
Work/Hygiene Practice:	Normal work and hygiene practices

9. PHYSICAL AND CHEMICAL PROPERTIES

Physical State:	Paste
Color:	Brown
Odor:	Characteristic, herbal
Density at 20°C:	<1.0 g/cm ³ pycnometer
Flash Point:	> 100 °C Abel Pensky
Viscosity:	Not Available
Solubility in Water:	Insoluble
Water Reactive:	No
Solvent Content:	None

10. STABILITY AND REACTIVITY

Stability:	Stable
Conditions to Avoid:	Heat, open flame and sunlight
Hazardous Decomposition or Byproducts:	None known
Hazardous Polymerization:	Will Not Occur

11. TOXICOLOGICAL INFORMATION

Acute Toxicity	No information
Carcinogenicity:	None
Reproductive Toxicity:	None
Mutagenicity:	None

12. ECOLOGICAL INFORMATION

Ecotoxicity:	No data for ecological evaluation available Under normal conditions of use there are no ecological problem to expect.
--------------	--

13. DISPOSAL CONSIDERATIONS

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

14. TRANSPORT INFORMATION

DOT Classification:	Not a DOT controlled material (USA).
Class/Division:	Not restricted
Proper Shipping Name:	NA
Label:	None

15. REGULATORY INFORMATION

Not Available

16. ADDITIONAL INFORMATION

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

The complete range of conditions or methods of use are beyond our control therefore we do not assume any responsibility and expressly disclaim any liability for any use of this product. Information contained herein is believed to be true and accurate however, all statements or suggestions are made without warranty, expressed or implied, regarding accuracy of the information, the hazards connected with the use of the material or the results to be obtained from the use thereof. Compliance with all applicable federal, state, and local laws and local regulations remains the responsibility of the user.

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.