



MATERIAL SAFETY DATA SHEET

**RHATANY ROOT TOTAL
CO2 EXTRACT**

MSDS

1. PRODUCT NAME AND COMPANY IDENTIFICATION

Product Name: RHATANY ROOT TOTAL CO2 EXTRACT
Product Use: Personal Care Formulations
Company Name: Natural Sourcing
Company Address: 341 Christian Street, Oxford, CT 06478, USA
Date Issued: 03/18/2010
Emergency Telephone Number: Chemtrec Tel: (800) 262-8200

2. COMPOSITION/INGREDIENT INFORMATION

Ingredients: Rhatany Root Total CO2 Extract; CAS No: 84775-95-1 (and) Caprylic/Capric Triglyceride; CAS No: 73398-61-5
INCI: Krameria Triandra (Rhatany) Root Extract [CO2] (and) Caprylic/Capric Triglyceride
Contains: lipophilic lignanes, neolignanes and norneolignanes
Further Information: Residual content isopropyl alcohol (CAS No: 67-63-0): < 4%

3. HAZARDS IDENTIFICATION

Classifications: No risks worthy of mention. Please observe the information on the safety data sheet at all times. Not a dangerous product according to directive 67/548/EWG. Allergic reaction of the mucosa membrane is rarely possible.
Explication of Special Hazards for Human Health and Environment: Special skid risk by leaking/spilling product.

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.
Inhalation: Remove to fresh air.
Medical Conditions Generally Aggravated by Exposure: None

5. FIRE FIGHTING MEASURES

Extinguishing Media: Dry Chemical, Carbon Dioxide, Foam
 • Do Not Use Water Except to Cool Containers.
Special Firefighting Procedures: Cool containers exposed to flame with water. 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.

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:	Viscous liquid
Color:	Orange – Brown
Odor:	Characteristic
Flash Point:	N/A
Density:	<1 g/cm ³ pycnometer
Solubility in Water:	Insoluble
Solubility in Other Solvents:	Good solubility in fat phases
Solvent Content:	< 4% isopropyl alcohol

10. STABILITY AND REACTIVITY

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

11. TOXICOLOGICAL INFORMATION

Acute Toxicity:	No information
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Frequent or prolonged contact with skin may cause dermal irritation.

Further Information:

Acute toxicity, irritation of the skin and mucous membrane, and mutagenic potential of the preparation assessed by the manufacturer on the basis of the data sheets available on the main components. Information gaps exist on some of the main individual components. However, according to the experience of the manufacturer, no dangers above and beyond those on the product label are to be expected.

12. ECOLOGICAL INFORMATION

Ecotoxicity:

No data for ecological evaluation on hand. Under appropriate use there are no ecological problems to expect. No heavy metals and inorganic components.

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

Packing Group:

NA

ID Number:

NA

15. REGULATORY INFORMATION

Labeling According to EC-Guidelines:

According to the regulation 1999/45/EG or appendix VI to the regulation 67/548/EEC, the preparation requires no special marking.

National Regulatory Information:

Water Contaminating Class D:

1- slightly water contaminating

16. ADDITIONAL INFORMATION

This information is provided for documentation purposes only.

This product is not considered hazardous under normal conditions.

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.