



MATERIAL SAFETY DATA SHEET

ROSEMARY ANTIOXIDANT EXTRACT

MSDS

1. PRODUCT NAME AND COMPANY IDENTIFICATION

Date Issued: April 03, 2008
Product Name: ROSEMARY ANTIOXIDANT EXTRACT 25% Diterpenes ORGANIC/CONVENTIONAL
Company: Saffire Blue Inc.
1444 Bell Mill Road, Tillsonburg, ON N4G4G9 Canada

Emergency Telephone Number: Chemtrec Tel: (800) 262-8200

2. COMPOSITION/INGREDIENT INFORMATION

INCI: Rosmarinus Officinalis Leaf Extract (CO2) (and) Helianthus Annuus Seed Oil
CAS #: 84604-14-8 (and) 8001-21-6
EINECS/ELINCS: 283-291-9 (and) 232-273-9
Content of Phenolic Diterpenes: 24-26%
Essential Oil Content: 1-3%

3. HAZARDS IDENTIFICATION

Classification: No risks worthy of mention. Please observe the information on the safety data sheet at all times.
Explication of Special Hazards for Human Health and Environment: Special skin risk by leaking/spilling product.

4. FIRST AID MEASURES

First Aid Measures:
Eyes: Flush eye with water or standard eye wash solution. Seek medical advice should irritation occur and persist.
Inhalation: Remove to fresh air
Skin: Wash with soap and water
Ingestion: Rinse mouth and drink large amounts of water. Consult physician.

5. FIRE FIGHTING MEASURES

Special Firefighting Procedures:	Do not use water stream. Wear self contained breathing apparatus in case of fire.
Suitable Extinguishing Media:	Dry Chemical, CO ₂ , Foam
Unusual Fire and Explosion Hazards:	Formation of dangerous fumes possible

6. ACCIDENTAL RELEASE MEASURES (STEPS FOR SPILLS)

Personal Precautions:	Avoid contact with skin and eyes. Avoid ingestion.
Environmental Precautions:	Keep away from water ways, sewer, ground water. Alert authorities if material should enter water supply or sewer.
Methods for Cleaning Up:	Soak up with absorbent inert material such as paper, rags, or sawdust. Sweep up solidified material. Place in appropriate containers for disposal.

7. HANDLING AND STORAGE

Handling:	Avoid contact with eyes and skin. Wear splash goggles and oil resistant gloves. Use with caution around heat, sparks, static electricity and open flames.
Storage:	Store in sealed containers under normal, cool, dry warehouse conditions.

8. EXPOSURE CONTROL/PERSONAL PROTECTION

Exposure Limit Values	
Exposure Controls:	
Protective and Hygiene Measures:	Appropriate clothing for chemical industry Remove and wash contaminated clothing
Respiratory Protection:	Avoid inhalation of vapors
Hand Protection:	Oil resistant gloves
Eye Protection:	Splash goggles or face shield

9. PHYSICAL AND CHEMICAL PROPERTIES

Physical State:	Liquid, viscous, oil
Color:	Dark brown
Odor:	Characteristic
Flash Point:	> 100 °C Abel-Pensky
Density:	<1.00 g/cm ³ pycnometer
Solubility in Water:	Insoluble
Solvent Content:	< 4% Ethyl alcohol

10. STABILITY AND REACTIVITY

Conditions to Avoid:	Heat, open flame and sunlight
Materials to Avoid:	Oxidizing agents
Hazardous Decomposition Products:	None – when used carefully
Additional Information:	No decomposition in the application field

11. TOXICOLOGICAL INFORMATION

Acute Toxicity: According to our knowledge, the chemical, physical and toxicological properties have not been extensively examined.

12. ECOLOGICAL INFORMATION

Ecotoxicity: No data
Not expected to have any ecological problems with normal use.

Additional Information: No heavy metals and inorganic components.

13. DISPOSAL CONSIDERATIONS

Methods of Disposal: Dispose in an appropriate manner that complies with local and federal regulations.

Contaminated Packaging: Dispose in an appropriate manner that complies with local and federal regulations.

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

Not Available

16. OTHER 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.