



MATERIAL SAFETY DATA SHEET

SECTION I - IDENTIFICATION OF PRODUCT AND COMPANY

Update: FEBRUARY 19, 2014

SAFFIRE BLUE INC.
1444 Bell Mill Side Road
Tillsonburg, ON N4G4G9
Canada

Emergency PH #: ChemTel (MIS3548100)
(800) 255-3924 United States, Canada, Puerto Rico and the U.S. Virgin Islands
(813) 248-0585 International

NFPA Rating: Health: 1 Flammability: 1 Reactivity: 1 Specific Hazard:
N/A

Botanical Family: Rosemary leaves, (*Rosmarinus officinalis* L.), conforming to
all applicable provisions of the Federal Food, Drug, and
Cosmetic Act.

UN Number: NOT REGULATED

Proper Shipping Name: None

Hazard Class: NOT REGULATED

Packing Group: NOT REGULATED

SECTION II - HAZARDOUS INGREDIENTS

TLV(units)
None

SECTION III - PHYSICAL DATA

Boiling Point: Not Established

Specific Gravity: Not Established

Vapor Pressure: < 10mm of Hg

% Volatile by Weight: Nil

Vapor Density: Not Established

Evaporation Rate: Not Established

Solubility in Water: Slight

Freezing Point: Not Established

Appearance: A yellow-brown to dark brown viscous liquid.

Odor: Slight rosemary aroma.



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SECTION IV - FIRE AND EXPLOSION HAZARD DATA

Flash Point: >93 °C PMCC
Flammable Limit: Not Available
Extinguish Media: Dry chemical, carbon dioxide.
Special Fire Fighting Procedure: None known
Unusual Fire & Explosion Hazards: Cool containers with water if exposed to fire.

SECTION V - HEALTH HAZARD DATA

Threshold Limit: Not Established
Effects of Overexposure: Irritation to skin and mucous membranes. Inhalation of volatiles could cause dizziness and palpitations. May cause burning and irritation if it comes in contact with eyes.

Emergency & First Aid Procedures:

Skin: Wash thoroughly with soap and water. Rinse well.
Gastro-Intestinal Tract: In the case of accidental ingestion, do not induce vomiting. Drink large quantities of water or milk to dilute.
Eye: Remove any contact lenses. Irrigate affected eyes with water (or saline solution) for 15 minutes. Call physician. Physician may treat as overexposure to turpentine.
Lungs: In the event of excessive inhalation, remove the affected individual to fresh air and keep at rest.
**** NOTE:** In any case, if irritation persists, consult a physician. Physician may treat as overexposure to turpentine.

SECTION VI - REACTIVITY DATA

Unstable: No
Stable: Yes - Avoid high temperatures (>400°F)
Incompatibility (Materials to avoid): None known
Hazardous Decomposition Products: Burning liberates carbon monoxide, carbon dioxide, and smoke.
Hazardous Polymerization: Will Not Occur.
Conditions to Avoid: None in normal food processing.



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SECTION VII - SPILL OR LEAK PROCEDURES

Steps to take if material is released or spilled: Clean up area as much as physically possible (squeegee)
Wash area with strong biodegradable soap solution.
Rinse to drain. Product will degrade in sewage system.
Residual color will fade with time.

Waste Disposal Method: Food product - dispose of in accordance with federal, state and local environmental regulations.

SECTION VIII - SPECIAL PROTECTION INFORMATION

Respiratory Protection: Wear a NIOSH approved respirator with organic cartridge in areas with poor ventilation or high vapor concentrations.

Ventilation: Mechanical (general)

Protective Gloves: Solvent-resistant rubber

Eye Protection: Goggles or splash shield.

Other Protective Equipment: Solvent resistant rubber apron if convenient for operations.

SECTION IX - SPECIAL PRECAUTIONS

Precautions to be taken in handling & storage: Cool (< 75°F) dry warehousing

Other Precautions: None required