



SAFFIRE BLUE INC.

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MATERIAL SAFETY DATA SHEET

I. PRODUCT IDENTIFICATION:

Product name: Sweet Basil Oil, American (CAS number 8015-73-4)

Hazardous Ingredients:

	<u>Percentage</u>	<u>CAS #</u>	<u>ACGIH TLV</u>
Linalool	42-52%	78-70-6	None
Methyl chavicol	20-30%	140-67-0	None

EEC Risk Labelling Statement: Xn R22 S(24/25)

II. PHYSICAL DATA:

Solubility: Soluble in most fixed oils, soluble in alcohol at 1:4 vols 80% alcohol.

Appearance and Odor: A pale yellow to yellow mobile liquid with a spicy, floral aroma.

Boiling Point: NF

Melting Point: NF

Specific Gravity: between 0.890 and 0.920 g/ml

Vapor Pressure: NF

Vapor Density: NF

Percent Volatile (Volume %): NF

pH: NA

III. FIRE & EXPLOSION HAZARD DATA:

Unusual Fire and Explosion Hazards: NF

Flash Point: Above 230°F (110°C)

Flammability Limits: NF

Extinguishing Media: NF

Special Fire Fighting Procedures: For fires involving this material, do not enter any enclosed or confined fire space without proper protective equipment, including self-contained breathing apparatus. See Hazardous Decomposition Products.

IV. REACTIVITY DATA:

Stability: Stable

Incompatibility: NF

Hazardous Decomposition Products: Thermal decomposition may produce acrid smoke and irritating fumes

Hazardous Polymerization: Will not occur.

V. HEALTH HAZARD DATA:

Eyes: May cause eye irritation.

Skin: May cause skin irritation on prolonged or frequently repeated contact. Application onto the skin of hairless mice produced mildly irritating effects.

Inhalation: Breathing the vapor may be irritating to the respiratory tract.

Ingestion: Not expected to be acutely toxic by ingestion. The acute oral LD₅₀ (rat) was 1.4 g/kg.

Methyl chavicol, a minor ingredient of this material, has been shown to cause tumors in laboratory animals when administered in the diet or by stomach tube.

No Federal OSHA exposure standard or ACGIH TLV has been established for this material.

VI. EMERGENCY AND FIRST AID PROCEDURES:

Eyes: Flush eyes immediately with plenty of fresh water for at least 15 minutes. See a physician if irritation occurs.

Skin: Wash skin thoroughly with soap and water. See a physician if irritation occurs. Wash contaminated clothing.

Inhalation: If respiratory discomfort or irritation occurs, move the person to fresh air. See a physician if discomfort or irritation continues.

Ingestion: This material is not expected to be an ingestion problem. First aid procedures are normally not required.

VII. SPILL & LEAK PROCEDURES:

Action to Take for Spills/Leaks: Clean up releases as soon as possible observing precautions in Special Protection Information. Cover with absorbent material. Sweep up. Wash area with detergent and water.

Disposal Methods: Place contaminated materials in disposable containers and dispose of in a manner consistent with company and local regulations.

VIII. SPECIAL PROTECTION INFORMATION:

Eye Protection: Chemical safety goggles.

Skin Protection: Impervious protective clothing including gloves.

Respiratory Protection: Special respiratory protection is not normally required for this material. However, an approved respirator should be available in case respiratory irritation occurs.

Ventilation: Special ventilation is not normally required for this material. If operating conditions create high airborne concentrations, mechanical ventilation may be required.

IX. SPECIAL PRECAUTIONS:

NA - not applicable

NF - no applicable information found