

Humco Holding Group, Inc.
7400 Alumax Drive
Texarkana, TX 75501
800-662-3435

Item# 0395-1949

Clove Oil

DATE ISSUED: 08/13/07

SECTION I

PRODUCT IDENTIFICATION

Product Name: Clove Bud Oil FCC

FEMA No.: 2323

CAS #: 8000-34-8

SECTION II

FIRE & EXPLOSION HAZARD

DOT Hazard Class (non-bulk): Vessel & air hazard class non-regulated.

Flash Point: 190°F Closed Cup

Extinguishing Media: Carbon dioxide, foam and dry chemical.

Special Firefighting Procedures & Precautions: None.

Unusual Fire & Explosion Hazards: None.

Hazardous Combustible or Decomposition Products: Burning liberates carbon monoxide, carbon dioxide and smoke.

Stability: Stable under normal conditions.

Conditions to Avoid: Avoid heat and flame.

Materials to Avoid: Avoid strong oxidizing agents.

Hazardous Polymerization Products: None

SECTION III

PHYSICAL DATA

Boiling Point: NF

Specific Gravity: (H₂O=1) 1.038 – 1.060

Solubility in Water: Insoluble.

Vapor Density: NF

Vapor Pressure: NF mmHg @ 20°C

Melting Point: NF

Appearance, Physical State and Odor: Colorless to pale yellow liquid with a clove odor.

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SECTION III A

DEGREE OF HAZARD

Degree of Hazard

4 - Extreme	Flammability	1
3 - High	Health	1
2 - Moderate	Reactivity	0
1 - Slight	Special Hazard	0
0 - Insignificant		

SECTION IV

PROTECTION INFORMATION

Respiratory: Not usually required.

Eye: Chemical goggles

Ventilation: Mechanical

Skin: Protective gloves.

SECTION V

OCCUPATION EXPSOURE LIMIT

OSHA-PEL: None Established. **Threshold Exposure Limit – TLV:** None Established

IARC Program: Yes (No)

NTP: Yes (No)

OSHA: Yes (No)

SECTION VI

HEALTH HAZARD INFORMATION

Health Hazard Determination: May be irritating to the skin and eyes. Repeated contact may cause allergic dermatitis.

SECTION VII

EMERGENCY AND FIRST AID PROCEDURES

Inhalation: Provide fresh air. If breathing is difficult, supplemental oxygen may be given from a demand-type or continuous flow inhaler, preferably with a physician's advice.

Eye Contact: Wash or irrigate with water at least 15 minutes. Obtain medical advice.

Skin Contact: Wash with soap and water. If irritation persists, obtain medical advice.

Ingestion: (Never give anything by mouth to an unconscious person.) Rinse mouth with water; ingest milk; obtain medical advice.

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SECTION VIII

SPILL AND DISPOSAL PROCEDURES

Steps to be taken in the event of a spill or discharge: Remove sources of ignition. Absorb on absorbent material. Dispose in approved manner.

Disposal Procedures: Incinerate or remove to landfill following all federal, state and local regulations. Do not discharge in lakes, streams, ponds or public waters.

SECTION IX

HANDLING & STORAGE

Handling & Storage: Keep away from heat and flame. Provide adequate ventilation. Keep container tightly closed when not in use.