SAFETY DATA SHEET

Humco Holding Group, Inc.
7400 Alumax Dr
Texarkana TX 75501 USA
800-662-3435
cs@humco.com
www.humco.com

24-Hour Emergency Number (CHEMTREC)
USA- 800-424-9300
International – 703-527-3887

All non-emergency calls should be directed to Customer Service at 800-662-3435

NAME: CLOVE OIL SDS NO. 1949

1. CHEMICAL PRODUCT AND COMPANY IDENTIFICATION

Product Name: Clove Oil
Synonyms: Clove Bud Oil
Recommended Use: Fragrance, potpourri

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2. HAZARD IDENTIFICATION

Pictogram:	Not required
Classification:	Flammable liquid: Category 4 Dearmal: Category 5
Signal Word:	Warning
Hazard Statements:	Combustible Liquid. May be harmful if contact with skin.

3. COMPOSITION / INGREDIENTS

CHEMICAL NAME	CAS#
CLOVE OIL	8000-34-8

The exact percentage has been withheld as a trade secret

4. FIRST-AID MEASURES

ROUTE	COMMON SYMPTOMS	FIRST AID
Inhalation	None likely	Remove source of contamination or move victim to fresh air. If affected person is not breathing, apply artificial respiration. If breathing is difficult, give oxygen. Get medical attention.
Ingestion	Not determined	Do not induce vomiting. Drink milk. If material is unintentionally swallowed, get medical attention or advice
Skin	Irritation may occur	If irritation occurs, wash with soap and water. If irritation persists, get medical attention.
Eyes	Irritation may occur.	Immediately flush eyes with water for at least 15 minutes while holding eyelids open. If symptoms persist, get medical attention.

5. FIRE-FIGHTING MEASURES

Flash Point:	Not determined
Auto Ignition:	Not determined
Extinguishing Media:	Alcohol foam, carbon dioxide, dry chemical. Water may only spread oil.
Products of Combustion:	Upon combustion this product may emit carbon dioxide, carbon monoxide and/or low molecular weight hydrocarbons.
Fire Fighting Equipment and Procedures:	Wear protective clothing and equipment suitable for the surrounding fire, including helmet, facemask, and self-contained breathing apparatus.

6. ACCIDENTAL RELEASE MEASURES

Personal Precautions:	Read entire label before using and follow all label directions.
Environmental Precautions:	Prevent discharge to open waters.
Method of Containment:	Absorb spilled liquids in suitable inert material such as clay, vermiculite or diatomaceous earth.
Method for Clean-Up:	Ventilate area of spill or leak. Sweep or scrap up and containerize in approved chemical waste container. Wash spill area with water.

7. HANDLING AND STORAGE

Handling:	No special handling necessary. May stain clothes.
Storage:	Keep from freezing. Keep container tightly closed and in a cool, well ventilated place.

8. EXPOSURE CONTROLS AND PERSONAL PROTECTION

Engineering Controls:	Normal room ventilation is usually adequate under normal use.
Personal Protective Equipment (PPE)	
Eye/Face Protection:	None needed under normal use.
Skin Protection:	None needed under normal use.
Respiratory Protection	None needed under normal use.
General Hygiene Considerations:	Wash hands after use.

9. PHYSICAL AND CHEMICAL PROPERTIES

Appearance:	Colorless to pale yellow liquid	**Upper/Lower Flammability:**	Not determined
Odor:	Characteristic clove odor	**Vapor Pressure**	Not determined
Odor Threshold:	Not determined	**Vapor Density:**	Not determined
pH:	Not determined	**Relative Density:**	1.038 – 1.060
Melting point /Freezing Point:	Not determined	**Solubilities:**	Insoluble in water
Boiling point/range:	Not determined	**Partition coefficient: n-octanol/water:**	Not determined
Flash point	Not determined	**Auto-ignition temperature**	Not determined
Evaporation rate	Not determined	**Decomposition Temperature:**	Not determined
Flammability:	Not flammable	**Viscosity**	Not determined

10. STABILITY AND RACTIVITY

Reactivity:	Not reactive
Chemical Stability:	Stable under normal ambient temperatures (70°F)
Possibility of Hazardous reactions:	Not determined.
Conditions to Avoid:	Freezing and extreme heat
Incompatible materials:	Not determined
Hazardous Decomposition Products:	Not determined

11. TOXICOLOGICAL INFORMATION

Acute toxicity:	Not determined.
Skin irritation:	Not determined.
Eye contact damage:	Not determined.
Respiratory damage:	Not determined.

Ingestion overdose:	Not determined.
Delayed, immediate, or chronic effects from short- and long-term exposure	Not determined.
LD50	Not determined
Symptoms associated with exposure:	None expected: May cause eye and skin irritation to sensitive people.
Carcinogenicity:	
OSHA:	Not listed
NTP:	Not listed
IARC:	Not listed

12. ECOLOGICAL INFORMATION

Acute or chronic aquatic toxicity:	Not determined.
Chemical degradation:	Not determined.
Biodegradation:	Not determined.
Bioaccumulation potential	Not determined.
Adsorption studies or leaching studies:	Not determined.
Other adverse effects	Not determined.

13. DISPOSAL CONSIDERATIONS

Dispose in accordance with federal, state and local laws and regulations. Avoid release into environment.

14. TRANSPORT INFORMATION

DOT Hazard Classification:	Non-Hazardous
UN number:	Not applicable
UN proper shipping name:	Not applicable
Transport hazard class(es):	Not applicable
Packing group number:	Not applicable
Environmental hazards:	Not applicable
Special precautions:	Do not freeze, avoid extreme heat

15. REGULATORY INFORMATION

Not determined

16. OTHER INFORMATION

The information in this SDS is considered current and reliable. However, the data is provided without any warranty, expressed or implied, regarding its correctness or accuracy. Since the conditions for use, handling, storage and disposal are beyond Humco's control, it is the responsibility of the user to determine safe conditions for use and to assume liability for loss, damage, or expenses arising from improper use. No warranty expressed or implied regarding the product described herein will be created by or inferred from any statement or omission. Various agencies may have specific regulations concerning the transportation, handling, storage, use or disposal of this product which may not be reflected in the SDS. The user should review these regulations to ensure full compliance.