

SAFETY DATA SHEET

SECTION 1 – MANUFACTURER/PRODUCT IDENTIFICATION:

PRODUCT IDENTITY: HOTLINE® CLOVE OIL (CAT. # 4876)

Manufacturer's (Distributor's) Name: Creative Craftsmen Co., Inc. 27625 Diehl Road Warrenville, Illinois 60555-3838	Emergency Telephone Number: 888- 215-4878 Information Telephone Number: 630-836-1353 Toll Free: 800-323-5668
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Trade Name: Hotline® Clove Oil **Product Type:** Essential Oil **Chemical Family:** Phenols

SECTION 2 – HAZARDS IDENTIFICATION:

SECTION 2.1: HAZARD CLASSIFICATION:

DANGER! THIS PRODUCT IS AN EYE AND SKIN IRRITANT. IT IS HARMFUL IF SWALLOWED. IT IS AN ASPIRATION HAZARD. IT IS A SKIN ALLERGEN AND SENSITIZER.



Causes eye irritation
 Causes skin irritation
 May cause allergic skin reaction (Skin sensitizer)
 Aspiration hazard
 Harmful if swallowed
 Toxic to aquatic life

PRECAUTIONARY INFORMATION:

CAUSES EYE IRRITATION. CAUSES SKIN ALLERGIES. AVOID THE GENERATION OF MIST/VAPOR. INGESTION CAN CAUSE DIGESTIVE TRACT IRRITATION, NAUSEA AND VOMITING. INGESTION CAN RESULT IN AN ASPIRATION HAZARD.
 Prevent eye and skin contact. Utilize appropriate eye and skin protection. Do not eat, drink or use tobacco products when there is potential exposure to this material. Wash hands thoroughly after handling. Do not allow contaminated work clothing out of the workplace. Wash contaminated clothing before reuse. See additional information on the SDS for further details regarding the safe use of this product.

SECTION 2.2 LABEL INFORMATION:

PRODUCT IDENTITY: HOTLINE® CLOVE OIL (CAT # 4876)



DANGER!
Eye and Skin Irritant
Skin Allergen (Sensitizer)
Aspiration Hazard
Harmful if Swallowed
Toxic to Aquatic Life

HAZARD STATEMENT: Causes irritation upon contact with eyes and skin. Can be aspirated into the lungs if ingested. Skin contact can cause skin allergies and sensitization.

CAUTION: Avoid generating and breathing mist/vapor. Avoid skin and eye contact. Do not ingest. Keep out of reach to children. Wash thoroughly after handling. Wear protective gloves, protective clothing, eye and face protection.

EMERGENCY INFORMATION:

Eye Contact: Remove contact lenses if necessary. Rinse with warm potable water for 15 minutes.
Skin Contact: Remove contaminated clothing and wash affected area for at least 15 minutes.
Inhalation: Exit to fresh air. Support breathing as needed.
Ingestion: Rinse mouth. Drink milk or water if conscious. Do not induce vomiting. Call Poison Control Center
 Contact emergency personnel for treatment, if needed.

HMIS	HMIS=Hazardous Material Information System PPE = B includes safety glasses and gloves	Creative Craftsmen Co., Inc. 27625 Diehl Road Warrenville, Illinois 60555-3838 800-323-5668
Health = 2		
Flammability = 1		
Physical Hazard = 0		
PPE = B		

SECTION 3 – HAZARDOUS INGREDIENTS INFORMATION:

This product contains material that may be hazardous when airborne as a particulate including mist. This material is also hazardous upon contact with eyes, skin and the respiratory system.

HAZARDOUS COMPONENTS^a:

(Specific Chemical Identity;

Common Name)	CAS Number ^b	SARA ^c	OSHA PEL ^d	ACGIH TLV ^e	NOTES	PERCENT ^f
Eugenol	97-53-0	NA	NE	NE	Skin sensitizer	≥80
Caryophyllene	87-44-5	NA	NE	NE		5-10
Eugenyl Acetate	93-28-7	NA	NE	NE		1-5

Notes:

- The term "Hazardous" is defined in the Occupational Safety and Health Administration (OSHA) Hazard Communication Standard (29 CFR 1910.1200) and does not necessarily imply the existence of any hazard. All components at concentrations equal to or greater than 1.0 percent (0.1 percent if a carcinogen) are listed in this section, according to OSHA 29 CFR 1910.1200.
- The CAS Number is the Chemical Abstract Service Number. A CAS number is assigned to each individual chemical.
- An asterisk (*) indicates a toxic chemical subject to Environmental Protection Agency (EPA) reporting requirements of Section 313 of the Emergency Planning and Community Right-To-Know Act of 1986 (SARA) and 40 CFR Part 372.
- These permissible exposure limits (PELs) are based on OSHA's rulemaking (29 CFR 1910 Subpart Z) adopted in 1971 and are the current regulatory limits, unless otherwise noted. These values are reported as milligrams of contaminant per cubic meter of air (mg/m³).
- These values are based on the American Conference of Governmental Industrial Hygienists (ACGIH) 2018 TLVs.
- Approximate percent by weight values.

SECTION 4 – FIRST AID PROCEDURES:

Protection of Emergency Response Personnel:	Use properly trained emergency response personnel. There may be a danger to person providing mouth-to-mouth. Use gloves and wash contaminated clothing before touching.
Inhalation:	If product is misted or dries and forms dust there may be respiratory tract irritation. Exit to fresh air. Support breathing as needed. If condition persists, seek medical attention.
Eyes:	Remove contact lenses if present. Hold eyelids apart and flush eyes with plenty of warm water for at least 15 minutes. Seek medical attention if irritation persists.
Skin:	Remove contaminated clothing and wash affected area with plenty of soap and water for at least 15 minutes. If irritation or rash develops, seek medical attention. Decontaminate clothing before reuse.
Ingestion:	Do not induce vomiting. Immediately rinse mouth with plenty of water. Loosen clothing. Never give anything by mouth to an unconscious person. Seek medical attention if needed.
Note to Physician:	Treat symptomatically. Product can cause serious eye and skin irritation and allergic skin reaction. Aspiration may cause pulmonary edema and pneumonitis.

SECTION 5 - FIRE AND EXPLOSION HAZARD DATA:

FLASH POINT (Method Used):	>200°F (>93.3°C)		
FLAMMABLE LIMITS:	LEL:	NA	UEL: NA
AUTOIGNITION TEMPERATURE:	NA		
EXTINGUISHING MEDIA:	Dry chemical powder, foam, carbon dioxide, water spray and sand.		
UNSUITABLE MEDIA:	Heavy water stream of jet. Material floats and spreads on water.		
SPECIAL FIRE FIGHTING PROCEDURES:	Take precautions when fighting a chemical fire. Wear appropriate protection for the surrounding fire. When fighting chemical fires wear self-contained breathing apparatus and full protective chemical resistant clothing. Move or cool containers with water spray. Do not release runoff to sewers and waterways.		
UNUSUAL FIRE AND EXPLOSION HAZARDS:	Fire may produce irritating, corrosive and/or toxic gases. Static charge may cause fire. Material floats and spreads on water. Relocate containers, if possible. If not, cool fully closed containers with a water spray.		
HAZARDOUS COMBUSTION PRODUCTS:	Carbon oxides, toxic fumes, unidentified organic and inorganic compounds, hydrogen sulfide, sulfur oxides, sulphuric acid.		

SECTION 6 – ACCIDENTAL RELEASE MEASURES:**STEPS TO BE TAKEN IN CASE MATERIAL IS RELEASED OR SPILLED:**

Caution: Eliminate all ignitions sources. Ventilate the area. The material will float and spread on water. Evacuate unnecessary personnel. Response personnel should wear appropriate protection. This material is a liquid and is slippery on surfaces. Do not leave spills on floors unattended. Barricade spill area until cleanup is complete. Avoid stepping in spilled material. Do not allow material to enter drain or the environment.

Large Spill Clean Up: Stop leak if safe to do so. Eliminate ignition sources. Contain spill by diking using appropriate containment materials including sand, clay, diatomaceous earth or other non-combustible absorbents. Place contaminated absorbents into appropriate containers. Thoroughly clean area with soap and water. Properly dispose of contaminated material. Do not allow spilled material to drains or the environment.

Small Spill Clean Up: Stop spill if safe to do so. Wipe spill using absorbent materials including cloth rags or paper towels. Place contaminated absorbents into appropriate containers. Thoroughly clean area with soap and water. Properly dispose of contaminated material.

Note: Never return spill to the original container. The material must be disposed of as hazardous waste. See Section 13.

Environmental Precautions: Prevent leakage. Do not contaminate the environment. Retain and dispose of wash water. Contact local authorities in case of spillage to drain and/or aquatic environments.

CHEMTREC Phone Number: 800-424-9300;

National Response Center: 800-424-8802;

CERCLA Reportable Quantity: None

SECTION 7 – PRECAUTIONS FOR SAFE HANDLING AND USE:**PRECAUTIONS TO BE TAKEN FOR SAFE HANDLING:**

Do not handle or store near an open flame, heat or other sources of ignition. Ground all equipment when handling this material. Avoid generating and breathing mist and vapor. Avoid contact with eyes, skin and clothing. Avoid prolonged exposure. Utilize appropriate NIOSH-approved respirator if airborne chemical exposure is above exposure limits. Wash thoroughly after handling. Do not store or use food, beverages, tobacco products and cosmetics in areas where material is used and stored. Wash contaminated clothing before reuse. Take precautionary measures against static discharge.

PRECAUTIONS TO BE DURING REPAIR AND MAINTENANCE: Not Applicable

STORAGE PRECAUTIONS: Keep in original container. Store in tightly closed containers. Store in a cool, dry, well-ventilated area away from incompatible materials. Open slowly to control potential pressure release. Do not store with strong acids and bases. Store in areas where there are no sources of ignition. Keep out of direct sunlight. Do not reuse empty containers for food, clothing or for personal consumption. Keep out of reach of children.

WASTE DISPOSAL METHOD: Dispose of in accordance with local, state, and/or federal regulations.

OTHER PRECAUTIONS: None

SECTION 8– CONTROL MEASURES/PERSONAL PROTECTION:**VENTILATION:**

Local Exhaust: If necessary, use enclosures with local exhaust ventilation to keep exposures below PELs.

Mechanical: If necessary to keep vapor levels below PELs. Recommended for confined areas.

Special: Use explosion-proof ventilation.

RESPIRATORY PROTECTION (Specify Type): Not normally required. If exposure to airborne contaminants above the applicable exposure limit is likely, use a NIOSH approved half-mask or full-face piece air-purifying respirator (APR) equipped with filters approved for organic vapors. APRs do not protect workers in oxygen deficient atmospheres.

PROTECTIVE GLOVES: Wear protective impervious gloves (synthetic rubber) when skin contact is likely.

EYE PROTECTION: Chemical safety glasses with side shields or splash proof goggles.

OTHER PROTECTIVE CLOTHING OR EQUIPMENT: When excessive skin contact is possible use an impervious apron and other impervious clothing to protect skin. Use chemical protective boots.

SAFETY STATIONS: Make available in the work area emergency eyewash stations, safety/quick-drench showers and washing facilities.

WORK/HYGIENIC PRACTICES: Avoid unnecessary exposure. Avoid skin and eye contact. Avoid generating and breathing dust/mist. Practice good personal hygiene. Do not eat, drink, smoke, or apply cosmetics in work areas. Wash face and hands prior to eating, drinking or other hand-to-mouth activities. Do not allow contaminated clothing to be taken home. Launder contaminated clothing before reuse.

SECTION 9 – PHYSICAL/CHEMICAL CHARACTERISTICS:

BOILING POINT:	>100°C (212°F)	VAPOR DENSITY (Air = 1)	ND
MELTING POINT:	ND	VAPOR PRESSURE (mm Hg):	Same as water
SPECIFIC GRAVITY:	ND	EVAPORATION RATE (Butyl Acetate = 1):	ND
BULK DENSITY:	1.046	Solubility:	Insoluble
APPEARANCE AND ODOR:	Colorless to pale yellow liquid. Characteristic pleasant odor.		pH: ND

SECTION 10 – STABILITY AND REACTIVITY:

STABILITY:	Stable: <u> X </u>	Unstable: <u> </u>
Conditions to Avoid:	Excessive heat and low temperatures. Direct sunlight.	
INCOMPATIBILITY (Materials to Avoid):	Strong oxidizing and reducing agents and strong acids and bases	
HAZARDOUS POLYMERIZATION:	May Occur: <u> </u>	Will Not Occur: <u> X </u>
Conditions to Avoid:	None	
DECOMPOSITION PRODUCTS:	None	

SECTION 11 – HEALTH HAZARD DATA:

ROUTE(S) OF ENTRY: Inhalation: Yes **Skin/Eye Contact:** Yes **Skin Absorption:** No **Ingestion:** Unlikely

HEALTH HAZARDS (Acute and Chronic):**Acute (Short-Term) Effects:**

Eye contact: Causes serious eye irritation.

Skin contact: Causes skin irritation. Causes allergic skin reaction. It is a skin sensitizer.

Inhalation: Inhalation not likely. Not classified as an inhalation hazard.

Ingestion: Can cause irritation of the gastrointestinal tract.

Aspiration Hazard: If ingested it is an aspiration hazard.

Systemic Effects: None known.

Acute Oral Toxicity LD50 (Rat): 2650 mg/kg for Eugenyl acetate

Acute Dermal Toxicity LD50 (Rabbit): 2500 mg/kg

Acute Eye Toxicity No Data

Chronic (Long-Term) Effects:

No chronic health effects noted. Smoking aggravates the effects of excessive exposure.

REPRODUCTIVE OR DEVELOPMENTAL EFFECTS: No ingredient is listed on the State of California's Safe Drinking Water and Toxic Enforcement Act of 1986 (Proposition 65) list of chemicals known to cause reproductive effects.

CARCINOGENICITY: **ACGIH:** No **IARC:** No **NTP:** No **OSHA:** No

* This product does not contain any ingredient that is designated as a carcinogen by the ACGIH, the National Toxicology Program (NTP) Annual Report on Carcinogens, by the International Agency for Research on Cancer (IARC) and by OSHA.

CALIFORNIA PROP 65 WARNING STATEMENT: This product does not contain chemicals that are known to the State of California to cause cancer, birth defects and other reproductive harm.

SIGNS AND SYMPTOMS OF EXPOSURE: Eye irritation. Skin irritation, skin allergies and skin sensitivity

MEDICAL CONDITIONS AGGRAVATED BY EXPOSURE: Existing skin conditions.

SECTION 12 – ECOLOGICAL INFORMATION:

Avoid release to the environment.

Toxicity: To aquatic life. May damage the environment.

Biodegradability: No data available

Bioaccumulation: No data available

Mobility in Soil: No data available

SECTION 13 – DISPOSAL:

WASTE DISPOSAL METHOD: Dispose of product and containers at an approved waste-handling site for recycling or disposal in accordance with local, state, federal and international regulations. This material is not classified as a hazardous waste and is not regulated under RCRA. Do not allow product into sewer systems or other waterways. Empty containers may contain residue. Do not reuse empty containers.

SECTION 14 – TRANSPORTATION DATA:

DOT PROPER SHIPPING NAME: Not regulated by DOT.

UN HAZARD CLASS:	NA
UN NUMBER:	NA
DOT LABEL:	NA
PACKING GROUP:	NA
IMDG:	NA
CANADIAN TDG HAZARD CLASS AND PIN:	NA

SECTION 15 – REGULATORY INFORMATION:

OSHA Hazard Communication Standard	29 CFR 1919.1200
OSHA PELs	
OSHA Respiratory Protection	29 CFR 1910.134
EPA SARA Section 302, 304, 313 and 40 CFR Part 372	EPA Hazard Category: Acute
EPA TSCA	Not Listed
EPA CERCLA AND CAA	Not Listed
EPA Waste Disposal Regulations	Not Listed
California Proposition 65	Not Listed
Applicable State and Local HAZCOM AND EPA Regulations	
Canada WHIMS	Class D2A, Causes other toxic effects
Canada EPA	On the DSL List
Europe REACH Regulations	Not Listed
Canadian Domestic Substance List:	Not Available

SECTION 16 – OTHER INFORMATION:

This Safety Data Sheet (SDS) was prepared to comply with the UN Globally Harmonized System of Classification and Labeling of Chemicals (GHS). The SDS also complies with the OSHA Hazard Communication Standard (29 CFR 1910.1200) and the Canadian Controlled Products Regulation. SDS warnings/labeling were prepared with in accordance with California Proposition 65.

The information contained within this SDS is based on data believed to be correct and reliable. All information appearing within this SDS is based upon data obtained from suppliers of the raw materials. While the information is believed to be accurate, Creative Craftsmen Co. Inc. makes no representation as to its accuracy of sufficiency. No guarantee or warranty is expressed or implied regarding the accuracy of this data and information contained herein. Creative Craftsmen Co. Inc. expressly disclaims all expressed or implied warranties for merchantability and fitness for a particular purpose, with respect to the product or information provided herein.

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Provide employees training regarding the safe handling and use of this product including how to read and understand the information contained in SDSs.

Abbreviations:

ACGIH	American Conference of Governmental Industrial Hygienists	OSHA	Occupational Safety and Health Administration
CERCLA	Comprehensive Environmental Response, Compensation and Liability Act of 1980	PEL	Permissible Exposure Limit
CAA	Clean Air Act	PIN	Product Identifier Number
CAS#	Chemical Abstract Number	PPE	Personal Protective Equipment
CFR	Code of Federal Regulations	RFC	Refractory Ceramic Fibers
DOT	Department of Transportation	RCRA	Resource Conservation and Recovery Act
EPA	Environmental Protection Agency	RQ	Reportable Quantity
HEPA	High Efficiency Particulate Air	SARA	Superfund Amendments and Reauthorization Act
HMIS	Hazardous Material Information System	SDS	Safety Data Sheet
IARC	International Agency for Research on Cancer	STEL	Short-Term Exposure Limit
IDLH	Immediately Dangerous to Life and Health	TLV	Threshold Limit Value
IMDG	International Maritime Dangerous Goods Code	TSCA	Toxic Substance Control Act
LEL	Lower Explosive Limit	TWA	Time-Weighted Average
NA	Not Applicable	UEL	Upper Explosive Limit
NIOSH	National Institute for Occupational Safety and Health	UN	United Nations
NTP	National Toxicology Program	WHIMS	Workplace Hazardous Materials Information System

Date Prepared: 01/09/19 **Date Revised:**