

Safety Data Sheet
29 CFR 1910.1200

Section 1: Company and Product Identification

Product Name: CLOVE BUD OIL

Company: THE JOHN D. WALSH CO., INC.
25 EXECUTIVE PKWY.
RINGWOOD, NJ 07456

Emergency 24 HOUR EMERGENCY NUMBER
Response: CHEMTREC (800) 424-9300

Section 2: Hazards Identification

GHS07

GHS08

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Hazard Pictograms:**Signal Word:**

Danger

Hazard Category:

Acute tox, oral Cat 4
Acute tox, dermal Cat 4
Sensitization, skin Cat 1
Aspiration hazard Cat 1

Hazard Statements:

H302: Harmful if swallowed
H312: Harmful in contact with skin
H317: May cause an allergic skin reaction
H304: May be fatal if swallowed and enters airways

Precautionary Statements:

P261: Avoid breathing dust/fume/gas/mist/vapours/spray
P264: Wash thoroughly after handling
P270: Do not eat, drink or smoke when using this product
P272: Contaminated work clothing should not be allowed out of the workplace
P280: Wear protective gloves/protective clothing/eye protection/face protection
P301+310: IF SWALLOWED: Immediately call a POISON CENTER or
P301+312: IF SWALLOWED: Call a POISON CENTER or doctor/physician if you feel unwell
P302+352: IF ON SKIN: Wash with soap and water
P312: Call a POISON CENTER or doctor/physician if you feel unwell
P321: Specific treatment (see section 5 on this label)
P330: Rinse mouth
P331: Do NOT induce vomiting
P333+313: If skin irritation or a rash occurs: Get medical advice/attention
P362: Take off contaminated clothing and wash before reuse
P405: Store locked up
P501: Dispose of contents/container in accordance with local/national/international rules.

Section 3: Composition / Information on Ingredients

Common Name:	CAS#	Weight %
EUGENOL	97-53-0	65-85

CARYOPHYLENE	87-44-5	10-25
EUGENYL ACETATE	93-28-7	5-10

Section 4: First Aid Measures

If ingested: Rinse mouth with water. Never give anything by mouth to anyone unconscious. Seek immediate medical attention immediately if large quantities have been swallowed.

If inhaled: Remove to fresh air. Obtain medical attention if asthma-like symptoms or other symptoms develop. Oxygen may be necessary.

Eye contact: Immediately flush eyes with plenty of water for at least 15 minutes. Remove contact lenses if present and easy to do. Get medical attention if irritation develops or persists.

Skin contact: Take off immediately all contaminated clothing. Rinse with soap and water thoroughly. Get medical advice if irritation develops or persists.

Additional Info: Observe for any symptoms for several hours after exposure. Follow up with medical attention if symptoms develop.

Section 5: Fire Fighting Measures

Extinguishing Method / Equipment: Carbon dioxide (CO₂), dry chemical, alcohol resistant foam, or water spray. Firefighters should wear self-contained breathing apparatus (SCBA) and full protective equipment.

Hazardous Decomposition Info: Fire may produce irritating, corrosive and/or toxic gases

Section 6: Accidental Release Measures

Personal precautions, protective equipment and procedures: Keep unnecessary personnel away. Keep people away from and upwind of spill/leak. Eliminate all ignition sources (no smoking, flares, sparks, or flames in immediate area). Wear appropriate protective equipment and clothing during clean-up. Avoid breathing vapors. Ventilate area if easy to do so. Contact local authorities if significant spillages cannot be contained. For personal protection, see section 8 of the SDS.

Containment Equipment and Procedures: Large Spills: Contain spilled material. Cover with an inert, non-combustible, inorganic absorbing material, or sweep up and remove to an approved disposal container. Avoid open flames or other sources of ignition. Wash contaminated clothing before reuse.

Small Spills: Utilize absorbent clay or sand and transfer to waste receptacles. Clean contaminated surface with an excess water

Cleanup Procedures: Collect all contaminated cleanup materials into a waste receptacle. If cleaning surface is necessary, utilize mineral spirits, provided adequate ventilation is available. Always wash hands after handling.

Section 7: Handling and Storage

Safe Handling Precautions: Do not handle until all safety precautions have been read and understood. Do not handle near an open flame or sources of ignition. Ensure adequate ventilation. Take precautionary measures against static discharges. Avoid breathing vapors. Avoid contact with eyes, skin, and clothing. Avoid prolonged exposure. Wear appropriate personal protective equipment.

Recommendations for Storage: Store in cool area in product container away from sources of ignition or flame. Store out of direct sunlight. Keep air contact to a minimum.

Section 8: Exposure Control / Personal Protection

General / Engineering Local exhaust ventilation should be utilized to control vapors / substances below exposure limits. Eye wash facilities must be available when handling this product.

Controls:

Work Clothing: Protective work clothing which covers skin and prevents exposures.

Eye/face protection: Wear safety goggles or face shield.

Skin Protection: Wear solvent resistant gloves.

Respiratory Protection: Chemical respirator with organic vapor cartridge and full face plate

Additional Information: Observe good chemical hygiene practices. Do not smoke or eat while using this product. Wash hands or exposed skin after using the product.

Section 9: Physical and Chemical Properties

State: Liquid	Odor: Characteristic	Freezing Point: Not avail
Color: Clear to light yellow	Boiling point: 250C	pH: Not avail
Sp Grav: Not avail		Water Solubility: Insoluble in water
Molecular Formula: Not avail	Flash Point: >200F	Part. Coeff (n-octanol/water): Not avail
Molecular weight: Not avail	Relative Density: 1.038	Vapor Pressure: .009 mm Hg @20C

Section 10: Stability and Reactivity

Incompatible materials: No additional information available

Decomposition products: In the event of a fire the release of carbon monoxide - carbon dioxide.

Section 11: Toxicological Information

Likely Routes of Exposure: Inhalation of vapors, dermal

Toxicological Information (contained substances)

Substance	LD50 Oral	LD50 Dermal
CLOVE BUD OIL	1370mg/kg (Rat)	1200 mg/kg (Rabbit)

**Carcinogenicity or NOT CLASSIFIED
mutagenicity:**

Sensitization: MAY CAUSE AN ALLERGIC REACTION

Section 12: Ecological Information

Aquatic toxicity: Mild water pollutant

Degradation / Mobility info: No specific data available.

Bioaccumulative potential: No data established

Section 13: Disposal Information

Product disposal: Dispose of product in accordance with local, regional, and national regulations. Consult with waste contractor. Contains low levels of flammable solvents. Hazardous waste according to Directive 2008/98/EC

Container disposal: Treat empty containers with extra care, as residual solvents may pose ignition hazard. Consult waste contractor.

Section 14: Transport Information

DOT GROUND NON NOT REGULATED

BULK:

IMO/IMDG: NOT REGULATED

IATA: NOT REGULATED

Section 15: Regulatory Information

TSCA YES LISTED

Canadian DSL: NOT LISTED

WHMIS: H-0,F-1,R-0

Section 16: Other Information

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