

**Safety Data Sheet**  
29 CFR 1910.1200

**Section 1: Company and Product Identification****Product Name:** CINNAMON LEAF 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:**

Flammable Liq Cat 4  
Sensitization, skin Cat 1  
Germ cell mutagenicity Cat 2  
Carcinogenicity Cat 1  
Hazard to aquatic environment, acute Cat 3  
Hazard to aquatic environment, chronic Cat 3

**Hazard Statements:**

H227: Combustible liquid  
H317: May cause an allergic skin reaction  
H341: Suspected of causing genetic defects  
H350: May cause cancer  
H402: Harmful to aquatic life  
H412: Harmful to aquatic life with long lasting effects

**Precautionary Statements:**

P201: Obtain special instructions before use  
P202: Do not handle until all safety precautions have been read and understood  
P210: Keep away from heat/sparks/open flames/hot surfaces – No smoking  
P261: Avoid breathing dust/fume/gas/mist/vapours/spray  
P272: Contaminated work clothing should not be allowed out of the workplace  
P273: Avoid release to the environment  
P280: Wear protective gloves/protective clothing/eye protection/face protection  
P302+352: IF ON SKIN: Wash with soap and water  
P308+313: IF exposed or concerned: Get medical advice/attention  
P321: Specific treatment (see Section 8 on this label)  
P333+313: If skin irritation or a rash occurs: Get medical advice/attention  
P362: Take off contaminated clothing and wash before reuse  
P370+378: In case of fire: Use proper media for extinction  
P403+235: Store in a well ventilated place. Keep cool  
P405: Store locked up  
  
P501: Dispose of contents/container in accordance with local/regional/national/international rules.

**Section 3: Composition / Information on Ingredients**

SUBSTANCE	CAS #	Weight %
EUGENOL	97-53-0	65-80
BENZYL BENZOATE	120-51-4	1-5
LINALOOL	78-70-6	1-5
CINNAMIC ALDEHYDE	104-55-2	1-5
SAFROLE	94-59-7	1-5

#### Section 4: First Aid Measures

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**If ingested:** NEVER: Give anything by mouth to an unconscious person. Rinse mouth with water. Seek immediate medical attention.

**If inhaled:** If having difficulty breathing, remove to fresh air and let rest. Obtain medical attention if asthma-like symptoms or other symptoms develop.

**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. Wash contaminated clothing before reuse.

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

#### Section 5: Fire Fighting Measures

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**Extinguishing** Carbon dioxide (CO<sub>2</sub>), dry chemical, foam. Firefighters should wear self-contained breathing apparatus (SCBA) and **Method / Equipment:** full protective equipment.

**Hazardous** Constituents associated with burning / combustion are to be considered toxic.

**Decomposition Info:**

#### Section 6: Accidental Release Measures

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**Personal precautions,** Keep unnecessary personnel away. Keep people away from and upwind of spill/leak. Eliminate all ignition sources (no **protective equipment** smoking, flares, sparks, or flames in immediate area). Wear appropriate **and procedures:** 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** Large Spills: Contain actively spilling material if safe and easy to do so. Dike the spilled material, where this is **Equipment and** possible. Utilize absorbent clay or sand to contain and stop spreading material.

**Procedures:**

Small Spills: Utilize absorbent clay or sand and transfer to waste receptacles. Clean surface to remove residual contamination.

**Cleanup Procedures:** Collect all contaminated clay, media, or other cleanup materials into a waste receptacle. If cleaning surface is necessary, utilize mineral spirits or other solvents, provided adequate ventilation is available.

#### Section 7: Handling and Storage

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**Safe Handling** Do not handle until all safety precautions have been read and understood. Do not handle near an open flame or sources

**Precautions:** 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** Store in cool area in product container away from sources of ignition or flame. NEVER: Store in extreme temperatures **for Storage:** and avoid storing in direct sunlight.

**Incompatibilities:** None known based on information supplied.

#### Section 8: Exposure Control / Personal Protection

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**General /** Local exhaust ventilation should be utilized to control vapors / substances below exposure limits. Eye wash facilities **Engineering** 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:** Utilize organic vapor respirator if airborne levels are not maintained below exposure limits, or if ventilation is inadequate.

**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

<b>State:</b> Liquid	<b>Melting Point:</b> Not avail	<b>Freezing Point:</b> Not avail
<b>Color:</b> Yellow on exposure to air; discolors	<b>Boiling Point/Range:</b> Not avail	<b>pH:</b> Not avail
<b>Vapor Density:</b> 1.042	<b>Odor:</b> Cinnamon odor	<b>Water Solubility:</b> Benzyl benzoate 153 mg/l, Cinnamic Aldehyde .14g/100ml
<b>Evaporation rate:</b> Not avail	<b>Flash Point:</b> 192.9F	<b>Part. Coeff (n-octanol/water):</b> Not avail
<b>Upper Flam Limits:</b> Not avail	<b>Lower Flam Limits:</b> Not avail	<b>Vapor Pressure:</b> .1 mm Hg 20C

## Section 10: Stability and Reactivity

**General:** This product is stable and non-reactive under normal conditions of use. Solvent vapors will evaporate from exposed material. Product is not subject to hazardous polymerization. Avoid open flame and ignition sources.

**Incompatible materials:** None known based of the information supplied.

**Decomposition products:** No decomposition products known. Toxic substances may be released in the event of a fire.

## Section 11: Toxicological Information

### Toxicological Information (contained substances)

Substance (name)	LD50 Oral	LD50 Dermal
CINNAMON LEAF OIL	2650 mg/kg (Rat)	> 5000 mg/kg (Rabbit)
BENZYL BENZOATE	1870 mg/kg (Rat)	4000 mg/kg (Rabbit)
CINNAMIC ALDEHYDE	2220 mg/kg (Rat)	>2000 mg/kg (Rabbit)

**Carcinogenicity or mutagenicity:** May cause cancer

**Sensitization:** May cause an allergic skin reaction

## Section 12: Ecological Information

**Degradation / Mobility info:** (BENZYL BENZOATE) Readily biodegradable in water. Low potential for mobility in soil.

**Bioaccumulative potential:** (BENZYL BENZOATE) Low potential for bioaccumulation (Log Kow <4)

## 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.

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

**Section 14: Transport Information**

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**DOT GROUND NON** NOT REGULATED

**BULK:**

**IMO/IMDG:** NOT REGULATED

**IATA:** NOT REGULATED

**Section 15: Regulatory Information**

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**TSCA:** YES LISTED

**CERCLA RQ:** NOT LISTED

**SARA 311/312:** NOT LISTED

**SARA 313** NOT LISTED

**California Prop 65** YES LISTED  
**Substances:**

**Canadian DSL:** YES LISTED

**WHMIS:** H 1, F 2, R 0

**Section 16: Other Information**

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**Version Date:**

5/21/2020

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