

**Safety Data Sheet**  
29 CFR 1910.1200

**Section 1: Company and Product Identification**

**Product Name:** ORANGE OIL

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

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

**Section 2: Hazards Identification**

GHS02

GHS07

GHS08

BLANK

**Hazard Pictograms:**



**Signal Word:**

Danger

**Hazard Category:**

Flammable Liq Cat 3  
Aspiration hazard Cat 1  
Skin corrosion/irritation Cat 2  
Sensitization, skin Cat 1  
Serious eye damage/eye irritation Cat 2

**Hazard Statements:**

H226: Flammable liquid and vapour  
H304: May be fatal if swallowed and enters airways  
H315: Causes skin irritation  
H317: May cause an allergic skin reaction

**Precautionary Statements:**

P210: Keep away from heat/sparks/open flames/hot surfaces – No smoking  
P240: Ground/bond container and receiving equipment  
P241: Use explosion-proof electrical/ventilating/light/.../equipment  
P242: Use only non-sparking tools  
P243: Take precautionary measures against static discharge  
P261: Avoid breathing dust/fume/gas/mist/vapours/spray  
P264: Wash thoroughly after handling  
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  
P301+310: IF SWALLOWED: Immediately call a POISON CENTER or doctor/physician  
P302+352: IF ON SKIN: Wash with soap and water  
P303+361+353: IF ON SKIN (or hair): Remove/Take off immediately all contaminated clothing. Rinse skin with water/shower  
P312: Call a POISON CENTER or doctor/physician if you feel unwell  
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  
P363: Wash contaminated clothing before reuse  
P370+378: In case of fire: Use ... for extinction  
P391: Collect spillage  
P403+235: Store in a well ventilated place. Keep cool

P405: Store locked up

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

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SUBSTANCE	CAS #	Weight %
ORANGE OIL	8008-57-9	100

**Section 4: First Aid Measures**

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**General Info:** ENSURE MEDICAL PERSONNEL ARE CONTACTED AND INVOLVED. SHOW THIS SAFETY DATA SHEET TO ALL MEDICAL PERSONNEL TO ENSURE THEIR SAFETY AND PROTECTION. MOVE TO A SAFE AREA, FREE FROM HAZARDOUS MATERIALS.

**Notable Exposure** IRRITATION  
**symptoms:**

**If ingested:** Rinse mouth. Seek immediate medical attention. Do not induce vomiting.

**If inhaled:** Remove to fresh air. 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 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**

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**General Info:** Product contains flammable solvents. Direct water spray may spread fire. Isolate any uncompromised product from area if possible. Do not breath fumes. Closed containers may build up pressure at elevated temperatures. If Possible, containers should be cooled with a water spray.

**Extinguishing** Carbon dioxide (CO<sub>2</sub>), dry chemical, foam. Firefighters should wear self-contained breathing apparatus  
**Method / Equipment:** (SCBA) and 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  
**protective equipment** sources (no 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  
**Equipment and** this is 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.

**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 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 in tightly sealed containers, preferably full.

## Section 8: Exposure Control / Personal Protection

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

**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.

Substances with Exposure Limits	CAS#	
D'LIMONENE	5989-27-5	20.000000 PPM 111.000 MG/M3

## Section 9: Physical and Chemical Properties

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<b>State:</b> Liquid	<b>Melting Point:</b> Not avail	<b>Freezing Point:</b> Not avail
<b>Color:</b> Yellow orange to dark orange	<b>Boiling Point/Range:</b> Not avail	<b>pH:</b> Not avail
<b>Sp Grav:</b> 0.843	<b>Odor:</b> Characteristic	<b>Water Solubility:</b> Insoluble
<b>Evaporation rate:</b> Not avail	<b>Flash Point:</b> 46C	<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> <a href="#">0.97mmHg@25C</a>
<b>VOC Content (lbs/gal):</b> Not avail	<b>Viscosity:</b> Not avail	<b>Autoignition Temp:</b> Not avail

## Section 10: Stability and Reactivity

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**General:** This product is stable and non-reactive under normal conditions of use. Product is not subject to hazardous polymerization. Avoid open flame and ignition sources. Product can slowly oxidize when in contact with air.

**Incompatible materials:** Strong oxidizing agents.

**Decomposition products:** No decomposition products known.

**Section 11: Toxicological Information**

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**Toxicological Information (contained substances)**

Substance	LD50 Oral	LD50 Dermal	LC50 Inh
ORANGE OIL	>5000 mg/kg (rat)	>5000 mg/kg (rabbit)	NA

**Section 12: Ecological Information**

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**Aquatic toxicity:** Very toxic to aquatic organisms and to the aquatic environment. Potential for both acute and chronic effects

**Degradation / Mobility info:** No specific data available. Contained solvents are expected to degrade rapidly in the environment.

**Bioaccumulative potential:** no specific data available.

**Section 13: Disposal Information**

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**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.

**Other considerations:** No further information.

**Section 14: Transport Information**

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DOT GROUND NON NOT REGULATED

**BULK:**

**IMO/IMDG:** UN 1197, EXTRACTS, LIQUID, 3, PG III, MARINE POLLUTANT

**IATA:** UN 1197, EXTRACTS, LIQUID, 3, PG III

**Section 15: Regulatory Information**

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**TSCA:** NOT LISTED

**CERCLA RQ:** NOT LISTED

**SARA 311/312:** NOT LISTED

**SARA 313:** NOT LISTED

**California Prop 65:** NOT LISTED

**Substances:**

**Canadian DSL:** YES LISTED

**Section 16: Other Information**

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**Version Date:**

09/26/2024

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