

**Safety Data Sheet**  
29 CFR 1910.1200

**Section 1: Company and Product Identification**


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**Product Name:** PHELLANDRENE

**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**





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GHS02

GHS08

GHS07

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<b>Hazard Pictograms:</b>	  
<b>Signal Word:</b>	Danger
<b>Hazard Category:</b>	Flammable Liq Cat 3 Aspiration hazard Cat 1 Skin corrosion/irritation Cat 2 Serious eye damage/eye irritation Cat 2 Sensitization, resp. Cat 1 Specific target organ tox, single exp. Cat 3 (resp irrit)
<b>Hazard Statements:</b>	H226: Flammable liquid and vapour H304: May be fatal if swallowed and enters airways H315: Causes skin irritation H319: Causes serious eye irritation H334: May cause allergy or asthma symptoms or breathing difficulties if inhaled H335: May cause respiratory irritation
<b>Precautionary Statements:</b>	P210: Keep away from heat/sparks/open flames/hot surfaces – No smoking P233: Keep container tightly closed 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 P271: Use only outdoors or in a well-ventilated area P280: Wear protective gloves/protective clothing/eye protection/face protection P284: Wear respiratory protection P301+310: IF SWALLOWED: Immediately call a POISON CENTER or doctor/physician P303+361+353: IF ON SKIN (or hair): Remove/Take off immediately all contaminated clothing. Rinse skin with water/shower P304+340: IF INHALED: Remove victim to fresh air and keep at rest in a position comfortable for breathing

P305+351+338: IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses if present and easy to do – continue rinsing  
 P312: Call a POISON CENTER or doctor/physician if you feel unwell  
 P331: Do NOT induce vomiting  
 P332+313: If skin irritation occurs: Get medical advice/attention  
 P337+313: If eye irritation persists get medical advice/attention  
 P342+311: If experiencing respiratory symptoms: Call a POISON CENTER or  
 P362: Take off contaminated clothing and wash before reuse  
 P370+378: In case of fire: Use ... for extinction  
 P403+233: Store in a well ventilated place. Keep container tightly closed  
 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

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Substance (name)	CAS#	Weight %
PELLANDRENE	99-83-2	100

### Section 4: First Aid Measures

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**General Info:** ENSURE THAT MEDICAL PERSONNEL ARE AWARE OF THE MATERIAL INVOLVED, AND TAKE PRECAUTIONS TO PROTECT THEMSELVES. SHOW SDS TO DOCTOR IN ATTENDANCE

**If ingested:** Rinse mouth. Seek immediate medical attention. Do not induce vomiting. If vomiting occurs, the head should be kept low so that the vomit doesn't enter the lungs. Keep at rest and resort to medical care.

**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. Wash eyes with an ocular lotion standard Dacryoserum. 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

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**General Info:** Product contains flammable solvents. Isolate any uncompromised product from area if possible. Do not breath fumes. DO NOT: smoke or use near flame.

**Extinguishing** Water spray, fog, carbon dioxide (CO<sub>2</sub>), dry chemical, foam. Firefighters should wear self-contained Method / Equipment: breathing apparatus (SCBA) and full protective equipment. FIGHT LARGER FIRES WITH: Alcohol resistant foam or water spray, NEVER USE: Direct water stream.

**Hazardous** Fire may produce irritating, corrosive and/or toxic gases  
**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 **protective equipment** ignition 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, **Equipment and** where this is possible. Utilize absorbent clay or sand to contain and stop spreading material. **DO NOT:** **Procedures:** Allow to enter sewers/ surface or ground water.

Small Spills: Utilize absorbent clay or sand and transfer to waste receptacles. Thoroughly clean surfaces 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 **Precautions:** 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. Do not store in direct sunlight or expose to extreme heat. Wash hands thoroughly after handling.

**Recommendations for** Store in cool area out of direct sunlight in product container away from sources of ignition or flame.

**Storage:** NEVER: Store in extreme temperatures and avoid storing in direct sunlight.

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

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**General / Engineering** Local exhaust ventilation should be utilized to control vapors / substances below exposure limits. Eye

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

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

## **Section 9: Physical and Chemical Properties**

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**State:** Liquid

**Odor** Characteristic

**Flash Point:** 115F

**Color:** Refer to spec sheet

**Initial Boiling Point:** 347F

**Vapor Density:** 4.7

**Specific Gravity:** 0.85

**Vapor Pressure:** 1.86 mm Hg @ 25C

**Molecular Weight:** 136.23

## **Section 10: Stability and Reactivity**

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**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:** Strong oxidizing agents.

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

## Section 11: Toxicological Information

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**Likely Routes of Exposure:** Inhalation of vapors, dermal

### Toxicological Information (contained substances)

Substance	LD50 Oral	LD50 Dermal
PELLANDRENE	>5700mg/kg (Rat)	NA

**Sensitization:** Cause skin irritation.

**Other Notes:** May be fatal if swallowed and enters airways. May cause respiratory irritation.

## Section 12: Ecological Information

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**Aquatic toxicity:** The product is not classified as environmentally hazardous. However, this does not exclude the possibility that large or frequent spills can have a harmful or damaging effect on the environment.

**Degradation / Mobility info:** No specific data available.

**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.

## Section 14: Transport Information

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DOT GROUND NON NOT REGULATED

**BULK:**

**IMO/IMDG:** UN 2319, TERPENE HYDROCARBONS,N.O.S. (PELLANDRENE)3, III

**IATA:** UN 2319, TERPENE HYDROCARBONS,N.O.S. (PELLANDRENE)3, III

## Section 15: Regulatory Information

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**TSCA:** NOT LISTED

**CERCLA RQ:** NOT LISTED

**SARA 311/312:** YES LISTED

**SARA 313** NOT LISTED

**California Prop 65** NOT LISTED  
**Substances:**

**Canadian DSL:** YES LISTED

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

**Section 16: Other Information**

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**Version Date:** 5/18/2020

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