

**Safety Data Sheet**  
29 CFR 1910.1200

**Section 1: Company and Product Identification****Product Name:** COUMARIN

**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**

GHS07

BLANK

BLANK

BLANK

**Hazard Pictograms:****Signal Word:** Warning

**Hazard Category:** Acute tox, oral Cat 4  
Sensitization, skin Cat 1  
Hazard to aquatic environment, acute Cat 3

**Hazard Statements:** H302: Harmful if swallowed  
H317: May cause an allergic skin reaction  
H402: Harmful to aquatic life

**Precautionary Statements:** P260: Do not breathe dust/fume/gas/mist/vapours/spray  
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  
P273: Avoid release to the environment  
P280: Wear protective gloves/protective clothing/eye protection/face protection  
P301+312: IF SWALLOWED: Call a POISON CENTER or doctor/physician if you feel unwell  
P333+313: If skin irritation or a rash occurs: Get medical advice/attention  
P363: Wash contaminated clothing before reuse  
P314: Get Medical advice/attention if you feel unwell

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

SUBSTANCE	CAS#	Weight %
COUMARIN	91-64-5	100

**Section 4: First Aid Measures**

**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. 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

---

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

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

## 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 actively spilling material if safe and easy to do so. Dike the spilled material, where this is possible. Utilize absorbent clay or sand to contain and stop spreading material.

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

---

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

**Incompatibilities:** Store away from strong acids or oxidizing agents. Refer to Section 10.

## Section 8: Exposure Control / Personal Protection

---

**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.

**Section 9: Physical and Chemical Properties**

---

<b>State:</b> Solid	<b>Melting Point:</b> 68°C	<b>Freezing Point:</b> Not avail
<b>Color:</b> White	<b>Boiling Point/Range:</b> 297°C	<b>pH:</b> Not avail
<b>Sp Grav:</b> Not avail	<b>Odor:</b> Floral	<b>Water Solubility:</b> Not avail
<b>Evaporation rate:</b> Not avail	<b>Flash Point:</b> 93°C	<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> Not avail
<b>VOC Content (lbs/gal):</b> Not avail	<b>Viscosity:</b> Not avail	<b>Autoignition Temp:</b> Not avail

**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:** Strong oxidizing agents, strong acids, and strong bases.

**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
COUMARIN	293mg/kg (Rat)	N/A

**Carcinogenicity or mutagenicity:** Not classified

**Sensitization:** Not classified

**Section 12: Ecological Information**

---

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

**Bioaccumulative potential:** No specific data available. Contained solvents are expected to degrade rapidly in the environment.

**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**

---

**DOT/NON BULK:** NOT REGULATED

**IMO/IMDG:** NOT REGULATED

**IATA:** NOT REGULATED

#### **Section 15: Regulatory Information**

---

**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-0,R-0

#### **Section 16: Other Information**

---

**Version Date:** 1/20/2020

*Disclaimer: The information in this MSDS was obtained from current and reliable sources. However the data is provided without any warranty, expressed or implied, regarding its correctness or accuracy. It is the user's responsibility both to determine safe conditions for use of this product and to assume liability for loss, injury, damage, or, expense resulting from improper use of this product*