

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

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Hazard Pictograms:**Signal Word:** Danger

Hazard Category: Acute tox, oral Cat 3
 Hazard to aquatic environment, chronic Cat 3

Hazard Statements: H301: Toxic if swallowed
 H412: Harmful to aquatic life with long lasting effects

Precautionary Statements: P264: Wash thoroughly after handling
 P270: Do not eat, drink or smoke when using this product
 P273: Avoid release to the environment
 P301+312: IF SWALLOWED: Call a POISON CENTER or doctor/physician if you feel unwell
 P321: Specific treatment (see supplemental first aid instructions on this label)
 P330: Rinse mouth
 P405: Store locked up
 P501 Dispose of om a safe manner in accordance with local/national regulations

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

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

Section 6: Accidental Release Measures

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. 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 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.

Recommendations for Store in cool area in product container away from sources of ignition or flame. NEVER: Store in extreme
Storage: 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 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 Utilize organic vapor respirator if airborne levels are not maintained below exposure limits, or if
Protection: 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

State: Solid	Melting Point: 68-73C	Freezing Point: Not avail
Color: Colorless	Boiling Point/Range: 298C	pH: Not avail
Sp Grav: Not avail	Odor: Not avail	Water Solubility: Not avail
Evaporation rate: Not avail	Flash Point: >93C	Part. Coeff (n-octanol/water): Not avail
Upper Flam Limits: Not avail	Lower Flam Limits: Not avail	Vapor Pressure: Not avail
VOC Content (lbs/gal): Not avail	Viscosity: Not avail	Autoignition Temp: 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: UN2811, TOXIC SOLIDS, ORGANIC, NOS(1,2-BENZOPYRONE), 6.1, III

IMO/IMDG: UN2811, TOXIC SOLIDS, ORGANIC, NOS(1,2-BENZOPYRONE), 6.1, III

IATA: UN2811, TOXIC SOLIDS, ORGANIC, NOS(1,2-BENZOPYRONE), 6.1, III

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: 3/8/2016

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