

**Safety Data Sheet**  
29 CFR 1910.1200

**Section 1: Company and Product Identification**

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**Product Name:** CINNAMIC ALDEHYDE

**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**

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GHS07 BLANK GHS07 GHS09

**Hazard Pictograms:**



**Signal Word:** Warning

**Hazard Category:** Acute tox, dermal Cat 4  
Serious eye damage/eye irritation Cat 2  
Skin corrosion/irritation Cat 2  
Sensitization, skin Cat 1

**Hazard Statements:** H312: Harmful in contact with skin  
H303: May be harmful if swallowed  
H319: Causes serious eye irritation  
H315: Causes skin irritation  
H317: May cause an allergic skin reaction  
H401: Toxic to aquatic life

**Precautionary Statements:** P261: Avoid breathing dust/fume/gas/mist/vapours/spray  
P272: Contaminated work clothing should not be allowed out of the workplace  
P264: Wash thoroughly after handling  
P280: Wear protective gloves/protective clothing/eye protection/face protection  
P302+352: IF ON SKIN: Wash with soap and water  
P312: Call a POISON CENTER or doctor/physician if you feel unwell  
P363: Wash contaminated clothing before reuse  
P312: Call a POISON CENTER or doctor/physician if you feel unwell  
P305+351+338: IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses if present and easy to do – continue rinsing  
P337+313: If eye irritation persists get medical advice/attention  
P332+313: If skin irritation occurs: Get medical advice/attention  
P362: Take off contaminated clothing and wash before reuse  
P333+313: If skin irritation or a rash occurs: Get medical advice/attention  
P501: Dispose of contents/container in accordance with local/national/international rules.

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

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Hazardous substance (name)	CAS #	Weight %
CINNAMMAL,3-Phenylpropena	104-55-2	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:** NEVER: Give anything by mouth to an unconscious person. Rinse mouth with water. Seek immediate medical attention. Induce vomiting by giving one teaspoon of syrup or Ipecac. Call poison control center.

**If inhaled:** If having difficulty breathing, 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. 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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**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:** Fire may produce irritating, corrosive and/or toxic gases

## Section 6: Accidental Release Measures

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**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. Absorb spill using an absorbent, non-combustible material such as, earth sand or vermiculite.

**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 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.

## 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.

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

**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**

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<b>State:</b> Liquid	<b>Melting Point:</b> Not avail	<b>Freezing Point:</b> Not avail
<b>Color:</b> Clear to pale Yellow	<b>Boiling point:</b> 248-250C	<b>Acid Value</b> 10.0 (max)
<b>Sp Grav:</b> 1.05		<b>Water Solubility:</b> Insoluble
<b>Odor:</b> Cinnamon, burning aromatic taste	<b>Flash Point:</b> 160F	<b>Part. Coeff (n- octanol/water)</b> 2
<b>Upper Flam Limits:</b> Not avail	<b>Lower Flam Limits:</b> Not avail	<b>Relative Density(@ 25C)</b> <a href="#">1.046-1.050</a>
<b>VOC Content (lbs/gal):</b> Not avail	<b>Viscosity:</b> Not avail	<b>Refractive Index@20C</b> 1.619-1.623

**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 and strong bases.

**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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**Toxicological Information (contained substances)**

substance	LD50 Oral	LD50 Dermal	Human Expierence
CINNAMMAL,3-Phenylpropena	2220mg/kg(Rat)	.59 mg/kg (rabbit)	8% solution skin: irritation
			2% solution : sensitising

**Carcinogenicity or mutagenicity:** Not classified as a human carcinogen

**Sensitization:** Not applicable.

**Other Notes:** Not applicable.

**Section 12: Ecological Information**

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**Aquatic toxicity:** Toxic to aquatic life with long lasting effects. Accumulation in aquatic organisms is expected

**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/NON REGULATED:** NOT REGULATED

**IMO/IMDG:** NOT REGULATED

**IATA:** NOT REGULATED

**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

**Version Date:**

2/2/2016

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