

**Safety Data Sheet**  
29 CFR 1910.1200

**Section 1: Company and Product Identification**

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**Product Name:** ORANGE ALDEHYDE NATURAL

**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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<b>Hazard Pictograms:</b>	<div style="display: flex; justify-content: space-around; align-items: center;"> <div style="text-align: center;"> <small>GHS02</small>   </div> <div style="text-align: center;"> <small>GHS08</small>   </div> <div style="text-align: center;"> <small>GHS07</small>   </div> <div style="text-align: center;"> <small>GHS09</small>   </div> </div>
<b>Signal Word:</b>	Danger
<b>Hazard Category:</b>	Flammable Liq Cat 3 Aspiration hazard Cat 1 Skin corrosion/irritation Cat 2 Sensitization, skin Cat 1 Hazard to aquatic environment, acute Cat 2 Hazard to aquatic environment, chronic Cat 2
<b>Hazard Statements:</b>	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 H401: Toxic to aquatic life H411: Toxic to aquatic life with long lasting effects
<b>Precautionary Statements:</b>	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 P331: Do NOT induce vomiting

P332+313: If skin irritation occurs: Get medical advice/attention  
 P333+313: If skin irritation or a rash occurs: Get medical advice/attention  
 P362: Take off contaminated clothing and wash before reuse  
 P370+378: In case of fire: Use CO2, special liquid, dry powder extinguishers, or foam extinguishers for extinction  
 P391: Collect spillage  
 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 %
ORANGE ALDEHYDE NATURAL	68606-94-0	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

**Notable Exposure symptoms:** DERMATITIS, RASH, SEVERE EYE IRRITATION, SYMPTOMS MAY INCLUDE STINGING, TEARING, REDNESS, SWELLING, AND BLURRED VISION. MAY CAUSE AN ALLERGIC SKIN REACTION

**If ingested:** If conscious, rinse mouth with water. 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:** if breathing is difficult, remove to fresh air and let rest. 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: Breathe fumes, smoke near, or use near flame.

**Extinguishing Method / Equipment:** CO2, special liquid, dry powder extinguishers, or foam extinguishers. Firefighters should wear self-contained breathing apparatus (SCBA) and full protective equipment. NEVER USE: Direct water jet, as this may spread the fire.

**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. DO NOT: Allow to enter sewers/ surface or ground water.

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

**Recommendations for Storage:** Store in cool area out of direct sunlight in product container away from sources of ignition or flame. NEVER: Store in extreme temperatures and avoid storing in direct sunlight.

## 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:** 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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**State:** Liquid

**Odor:** Characteristic

**Freezing Point:** Not avail

**Color:** Orange to brownish orange

**Flash Point** 59C

**pH** Not avail

**Specific Gravity** 0.8519

**Refractive Index** Not avail

**Water Solubility:** Insoluble

### 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. Product may slowly oxidize when in contact with air.

**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
ORANGE ALDEHYDE NATURAL	4400-5100mg/kg (Rat)	>5000mg/kg (Rabbit)

**Sensitization:** MAY CAUSE AN ALLERGIC REACTION

**Other Notes:** Not applicable.

### Section 12: Ecological Information

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**Aquatic toxicity:** Very 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 GROUND NON NOT REGULATED**

**BULK:**

**IMO/IMDG:** UN1169, EXTRACTS, AROMATIC, LIQUID, 3, III

**IATA:** UN1169, EXTRACTS, AROMATIC, LIQUID, 3, III

**Section 15: Regulatory Information**

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**TSCA:** NOT REGULATED

**CERCLA RQ:** NOT REGULATED

**SARA 311/312:** NOT REGULATED

**SARA 313** NOT REGULATED

**California Prop 65** NOT REGULATED

**Substances:**

**Canadian DSL:** YES LISTED

**WHMIS:** H-1,F-2,R-0

**Section 16: Other Information**

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

*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*