

Safety Data Sheet
29 CFR 1910.1200

Section 1: Company and Product Identification

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

Hazard Pictograms:



Signal Word: Danger

Hazard Category: 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

Hazard Statements: 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

Precautionary Statements: 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.

Hazards not otherwise classified:

Not applicable, none known.

Section 3: Composition / Information on Ingredients

substance (name)	CAS#	Weight %
OIL, ORANGE, SWEET, TERPENE-FREE	68606-94-0	100

Section 4: First Aid Measures

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

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

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

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

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

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

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

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

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

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/MDG: UN1169, EXTRACTS, AROMATIC, LIQUID, 3, III, MARINE POLLUTANT

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

Section 15: Regulatory Information

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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