

**Safety Data Sheet**  
29 CFR 1910.1200

**Section 1: Company and Product Identification****Product Name:** ETHYL ISOVALERATE

**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  
Skin corrosion/irritation Cat 3

**Hazard Statements:**

H226: Flammable liquid and vapour  
H316: Causes mild skin irritation

**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  
P243: Take precautionary measures against static discharge  
P242: Use only non-sparking tools  
P264: Wash thoroughly after handling  
P233: Keep container tightly closed  
P280: Wear protective gloves/protective clothing/eye protection/face protection  
P302+361+352: IF ON SKIN: Wash with soap and water  
P303+361+353: IF ON SKIN (or hair): Remove/Take off immediately all contaminated  
P333+313: If skin irritation or a rash occurs: Get medical advice/attention  
P370+378: In case of fire: Use appropriate media to extinguish  
P403+235: Store in a well ventilated place. Keep cool  
P501: Dispose of contents/container in accordance with local/national/international rules.

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

Common Name:	CAS#	Weight %
ETHYL ISOVALERATE	108-64-5	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

**If ingested:** Rinse mouth. 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

**If inhaled:** 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 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, 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.

**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> Refer to spec sheet	<b>Boiling point:</b> 131C	<b>pH:</b> Not avail
<b>Sp Grav:</b> 0.86		<b>Water Solubility:</b> Insoluble
<b>Evaporation rate:</b> Not avail	<b>Flash Point:</b> 37C	<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> <a href="#">8.1mmHG@25C</a>
<b>VOC Content (lbs/gal):</b> Not avail	<b>Viscosity:</b> Not avail	<b>Autoignition Temp:</b> Not avail

**Section 10: Stability and Reactivity**

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**Incompatible materials:** Strong oxidizing agents, strong acids.

**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
ETHYL ISOVALERATE	>5000 mg/kg (Rat)	>5000 mg/kg (Rabbit)

**Carcinogenicity or mutagenicity:** NOT DETERMINED

**Sensitization:** MAY CAUSE AN ALLERGIC REACTION

**Other Notes:** Not applicable.

**Section 12: Ecological Information**

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**Aquatic toxicity:** Not Determined

**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 BULK:** UN3272,ESTERS,NOS(ETHYL ISO VALERATE),3,PGIII

**IMO/IMDG:** UN3272,ESTERS,NOS(ETHYL ISO VALERATE),3,PGIII

**IATA:** UN3272,ESTERS,NOS(ETHYL ISO VALERATE),3,PGIII

### Section 15: Regulatory Information

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**Canadian DSL:** YES LISTED

**WHMIS:** H-2,F-3,R-0

### Section 16: Other Information

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**Version Date:** 5/11/2016

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