

**Safety Data Sheet**  
**29 CFR 1910.1200****Section 1: Company and Product Identification**

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**Product Name:** ETHYL BUTYRATE**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:** Warning**Hazard Category:** Flammable Liq Cat 3**Hazard Statements:** H226: Flammable liquid and vapour**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  
P280: Wear protective gloves/protective clothing/eye protection/face protection  
P303+361+353: IF ON SKIN (or hair): Remove/Take off immediately all contaminated clothing. Rinse skin with water/shower  
P370+378: In case of fire: Use appropriate media to extinguish  
P501 Dispose of in a safe manner in accordance with local/national regulations**Section 3: Composition / Information on Ingredients**

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SUBSTANCE	CAS#	Weight %
ETHYL BUTYRATE	105-54-4	100

**Section 4: First Aid Measures**

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**If ingested:** Rinse mouth. Seek immediate medical attention.**If inhaled:** 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

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**Extinguishing** Carbon dioxide (CO<sub>2</sub>), dry chemical, foam. Firefighters should wear self-contained breathing apparatus  
**Method / Equipment:** (SCBA) and full protective equipment.

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

## 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** Large Spills: Contain actively spilling material if safe and easy to do so. Dike the spilled material, where  
**Equipment and Procedures:** 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** 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 Storage:** Store in cool area in product container away from sources of ignition or flame.

**Incompatibilities:** Store away from strong acids or oxidizing agents. Refer to Section 10.

## 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:** Utilize organic vapor respirator if airborne levels are not maintained below exposure limits, or if 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

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**State:** Liquid

**Melting Point:** Not avail

**Freezing Point:** Not avail

**Color:** Colorless to pale yellow

**Boiling Point/Range:** 121C

**pH** Not avail

<b>Sp Grav:</b> 0.9	<b>Odor:</b> Not avail	<b>Water</b> 6.2g/l
<b>Evaporation rate:</b> Not avail	<b>Flash Point:</b> 25C	<b>Solubility:</b>
<b>Upper Flam Limits:</b> Not avail	<b>Lower Flam</b> Not avail	<b>Part. Coeff (n</b> Not avail
<b>VOC Content</b> Not avail	<b>Limits:</b>	<b>octanol/water</b>
<b>(lbs/gal):</b>	<b>Viscosity:</b> Not avail	<b>Vapor</b> 13.33hPa
		<b>Pressure:</b>
		<b>Autoignition</b> 460C
		<b>Temp:</b>

## 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.

**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
ETHYL BUTYRATE	13000mg/kg (Rat)	N/A

**Carcinogenicity or mutagenicity:** NOT LISTED

**Sensitization:** NOT AVAILABLE

**Other Notes:** Not applicable.

## 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 GROUND NON** UN1180,ETHYL BUTYRATE,3,PGIII

**BULK:**

**IMO/IMDG:** UN1180,ETHYL BUTYRATE,3,PGIII

IATA: UN1180,ETHYL BUTYRATE,3,PGIII

#### 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

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

#### Section 16: Other Information

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