

Safety Data Sheet
29 CFR 1910.1200

Section 1: Company and Product Identification

Product Name: ETHYL ISOVALERATE

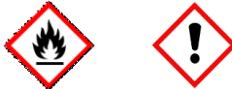
Company: THE JOHN D. WALSH CO., INC.
 25 EXECUTIVE PKWY.
 RINGWOOD, NJ 07456

Emergency Response: 24 HOUR EMERGENCY NUMBER
 CHEMTRAC (800) 424-9300

Section 2: Hazards Identification

GHS02 GHS07 BLANK BLANK

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+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

Extinguishing Water spray, Carbon dioxide (CO2), dry chemical, foam. Firefighters should wear self-contained

Method / Equipment: breathing apparatus (SCBA) and full protective equipment.

Hazardous Fire may produce irritating, corrosive and/or toxic gases

Decomposition Info:

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

and procedures: 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

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.

Storage:

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.

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

State: Liquid	Melting Point: Not avail	Freezing Point: Not avail
Color: Refer to spec sheet	Boiling point: 131C	pH: Not avail
Sp Grav: 0.86		Water Solubility: Insoluble
Evaporation rate: Not avail	Flash Point: 37C	Part. Coeff (n-) Not avail
Upper Flam Limits: Not avail	Lower Flam Limits: Not avail	octanol/water
VOC Content Not avail (lbs/gal):	Viscosity: Not avail	Vapor Pressure: 8.1mmHG@25C
		Autoignition Temp: Not avail

Section 10: Stability and Reactivity

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

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 NOT DETERMINED
mutagenicity:

Sensitization: MAY CAUSE AN ALLERGIC REACTION

Other Notes: Not applicable.

Section 12: Ecological Information

Aquatic toxicity: Not Determined

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: 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

Canadian DSL: YES LISTED

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

Section 16: Other Information

Version Date: 5/11/2016

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