

HEALTH	2
FLAMMABILITY	3
REACTIVITY	0

### Section 1: IDENTIFICATION

Product Name: **Ethyl Propionate, Natural**  
 Product Number: **0245600**  
 Recommended Use: **Flavorings**

Manufacturer: **Aurochemicals**  
 7 Nicoll Street  
 Washingtonville, NY 10992 – USA  
 845-496-6065  
 845-496-6248 Fax


Emergency Telephone No.: **1-800-535-5053**  
 (International 1-352-323-3500 collect)

### Section 2: HAZARD(s) IDENTIFICATION

OSHA Hazards **Flammable Liquid, Irritant**  
 GHS Classifications **Flammable Liquids (Category 2)**  
**Skin irritation (Category 2)**  
**Eye irritation (Category 2A)**

GHS Label elements, including precautionary statements

Pictogram or written description



Signal Word: **DANGER**

Hazard Statement: **H225 Highly flammable liquid and vapor**  
**H315 Causes skin irritation**  
**H319 Causes serious eye irritation**

Precautionary Statement **P210 Keep away from heat/sparks/open flames/hot surfaces – No smoking**  
**P305+ IF IN EYES: Rinse cautiously with water for several minutes**  
**P351+ Remove contact lenses if present and easy to do**  
**P338 Continue rinsing**

HMIS Classification **Health Hazard 2**  
**Flammability 3**  
**Physical Hazards 0**

Potential Health Effects

Inhalation	May be harmful if inhaled. Causes respiratory tract irritation
Skin	May be harmful if absorbed through skin. Causes skin irritation
Eyes	Causes eye irritation
Ingestion	May be harmful if swallowed

## Section 3: COMPOSITION / INFORMATION ON INGREDIENTS

Component	Ethyl Propionate
Common Name:	Ethyl Propionate
Synonyms:	Propanoic Acid Ethyl Ester
CAS #	105-37-3
EC#	203-291-4
EC Index No.	607-028-00-8
Molecular Formula	C <sub>5</sub> H <sub>10</sub> O <sub>2</sub>

## Section 4: FIRST AID MEASURES

General Advice	Consult a physician. Show this safety data sheet to the doctor in attendance.
Contact with eyes:	Rinse thoroughly with plenty of water and seek medical advice.
Contact with skin:	Rinse with cool water; wash with mild soap and warm water. Seek medical advice.
Inhalation:	Provide fresh air, consult a physician.
Ingestion:	Immediately drink plenty of water. Rinse out mouth with water, seek medical advice. Show the label to attending physician.
Clothing:	Remove contaminated clothing and wash before re-use.

## Section 5: FIREFIGHTING MEASURES

Conditions of Flammability	Flammable in the presence of a source of ignition when temperature is above the flash point. Keep away from heat/sparks/open flame/hot surface. No smoking.
Suitable Extinguishing Media	Use water spray, Carbon Dioxide, Foam, powder.
Special Firefighting Procedures:	Do not stay in danger zone without self contained breathing apparatus.  Prevent fire-fighting water from entering surface or ground water. Keep away from sources of ignition.  Cool container with water spray from a safe distance. Contain escaping vapors with water.
Hazardous Combustion products	. Development of hazardous combustion gases or vapors possible in the event of fire – Carbon oxides.

## Section 6: ACCIDENTIAL RELEASE MEASURES

Personal precautions	Use personal protective equipment. Avoid breathing vapors, mist or gas. Ensure adequate ventilation. Remove all sources of ignition. Evacuate personnel to safe areas. Beware of vapors accumulating to form explosive concentrations. Vapors can
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Environmental precautions	accumulate in low areas.
Methods and materials for containment and cleaning up	Prevent further leakage or spillage if safe to do so. Do not let product enter drains.
Ventilate area	Cover spill with absorbent material, sweep up and place in appropriate container for disposal according to local regulations.
	After sweep up, wash area and ventilate area well

## Section 7: HANDLING AND STORAGE

Precautions for safe handling	Avoid contact with skin and eyes. Avoid inhalation of vapor or mist. Use explosion proof equipment. Take precautionary measures against static discharges. Keep away from sources of ignition. When handling product, do not eat or drink.
Conditions for safe storage	Store tightly closed, in cool, dry well ventilated place. No smoking

## Section 8: EXPOSURE CONTROLS/PERSONAL PROTECTION

Exposure Limits:	Contains no substances with occupational exposure limit values.
Personal Protective Equipment:	<p><b>These recommendations are advisory only and must be evaluated by an industrial hygienist and safety officer familiar with the specific situation of anticipated use by our customers. They should not be construed as offering an approval for any specific use scenario.</b></p> <p>Protective clothing should be selected specifically for the work place, depending on concentration and quantity of the hazardous substances handled. The resistance of the protective clothing to chemicals should be ascertained with the respective supplier.</p>
Respiratory Protection:	Required when vapors/aerosols are generated.
Eye Protection:	Wear eye and face protection – Face Shield.
Hand Protection:	Wear chemically resistant gloves.
Industrial Hygiene:	Remove contaminated clothing and wash before reuse. Handle in accordance with good industrial hygiene and safety practice. Wash hands after working with product

## Section 9: PHYSICAL AND CHEMICAL PROPERTIES

Form:	Liquid
Color:	Colorless
Odor:	Fruity odor and taste
Boiling Point:	99°C
Flashpoint:	12°C
Melting Point:	-74°C
Ignition temperature	No data available
Oxidizing Properties:	Not oxidizing; flammable
Lower Explosion Limit	1.8 vol%
Upper Explosion Limit	11 Vol%

# Safety Data Sheet

Vapor Pressure:	38 hPa
Specific Gravity @ 25°C:	0.885-0.889
Solubility	Soluble in most fixed oils; 1mL in 43mL water; miscible with alcohol and propylene glycol

## Section 10: STABILITY AND REACTIVITY

Chemical stability	Stable under recommended storage conditions
Possibility of hazardous reactions	Vapors may form explosive mixture with air
Conditions to be avoided	Heat, Flames, Sparks. Extremes of temperature and direct sunlight
Substances to be avoided	Oxidizing agents
Hazardous decomposition products:	Form under fire conditions – Carbon Oxides.

## Section 11: TOXICOLOGICAL INFORMATION

LD50, Oral Rat	8,732 mg/kg Remarks: Behavioral: Somnolence (general depressed activity) Lungs, Thorax or Respiration: Other changes, Gastrointestinal Other Changes
LC50 Inhalation	No data available
LD50 Dermal	No data available
<b>Carcinogenicity</b>	
	IARC No components of this product present at levels greater than or equal to 0.1% is identified as probable, possible or confirmed human carcinogen by IARC.
	ACGIH No components of this product present at levels greater than or equal to 0.1% is identified as carcinogen or potential carcinogen by ACGIH.
	NTP No components of this product present at levels greater than or equal to 0.1% is identified as a known or anticipated carcinogen by NTP.
	OSHA No components of this product present at levels greater than or equal to 0.1% is identified as a carcinogen or potential carcinogen by OSHA.
Reproductive Toxicity	No data available
Potential Health Effects	
	Inhalation May be harmful if inhaled.
	Ingestion May be harmful if swallowed
	Skin May be harmful if absorbed through skin.
	Eyes May cause eye irritation

To the best of our knowledge, the chemical, physical and toxicological properties have not been thoroughly investigated

## Section 12: ECOLOGICAL INFORMATION

Toxicity	No data available
Persistence and degradability	No data available
Further ecological data	Do not allow to enter water, drain or soil

## Section 13: DISPOSAL CONSIDERATIONS

Product: According to local regulations

Packaging: According to local regulations

## Section 14: TRANSPORT INFORMATION

<b>DOT (US)</b>	UN1195	Class 3	Packing Group II	
Proper shipping name	Ethyl Propionate			
Reportable Quantity (RQ)	No			
Marine Pollutant	No			
Poison Inhalation Hazard	No			
<b>IMDG</b>	UN1195	Class 3	Packing Group II	EMS-No: F-E, S-D
Proper shipping name	ETHYL PROPIONATE			
Marine Pollutant	No			
IATA-Classification	UN1195	Class 3	Packing Group II	
Proper Name	Ethyl Propionate			

## Section 15: REGULATORY INFORMATION

OSHA Hazards	Flammable Liquid, Irritant		
SARA 302 Components	No chemicals in this material are subject to the reporting requirements of SARA Title III, Section 302.		
SARA 313 Components	This material does not contain any chemical components with known CAS numbers that exceed the threshold (De Minimis) reporting levels established by SARA Title III, Section 313		
SARA 311/312 Hazards	Fire Hazard, Acute Health Hazard		
Massachusetts Right to Know Components	Ethyl Propionate	CAS # 105-37-3	Rev. Date: 4/24/1993
Pennsylvania Right to Know Components	Ethyl Propionate	CAS # 105-37-3	Rev. Date: 4/24/1993
New Jersey Right to Know Components	Ethyl Propionate	CAS # 105-37-3	Rev. Date: 4/24/1993
California Prop. 65 Components	This product does not contain any chemicals known to State of California to cause cancer, birth defects, or any other reproductive harm.		

## Section 16: OTHER INFORMATION

Aurochemicals provides the information contained herein in good faith but makes no representation as to its comprehensiveness or accuracy. This document is intended only as a guide to the appropriate precautionary handling of the material by a properly trained person using this product. Individuals receiving the information must exercise their independent judgment in determining its appropriateness for a particular purpose. Aurochemicals makes no representations or warranties, either expressed or implied, including without limitation any warranties of merchantability, fitness for a particular purpose with respect to the information set forth herein or the product to which the information refers. Accordingly, Aurochemicals will not be responsible, nor held liable, for damages resulting from use of or reliance upon this information.

<b>Issued by:</b>	<b>Contact Person:</b>
Aurochemicals	Deo N. Persaud
7 Nicoll Street	Revised Date: 8/11/2022
Washingtonville, NY 10992 USA	