

# Safety Data Sheet

HEALTH	0
FLAMMABILITY	3
REACTIVITY	0

## Section 1: IDENTIFICATION


Product Name: **Ethyl Valerate, Natural**  
 Product Number: **0246200**  
 Recommended Use: Flavorings

Manufacturer: Aurochemicals  
 7 Nicoll Street  
 Washingtonville, NY 10992 – USA  
 845-496-6064  
 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  
 GHS Classification Flammable Liquids (Category 3)

Pictogram or written description 

Signal Word: **Warning**

Hazard Statement: H226 Flammable liquid and vapor.

Precautionary Statement

P210	Keep away from heat/sparks/open flames/hot surfaces-No Smoking Keep container tightly closed
P233	Ground/bond container and receiving equipment
P240	Use explosion-proof electrical/ventilating/lighting/equipment
P241	Use only non sparking tools
P242	Take precautionary measures against static discharge
P243	Wear protective gloves/protective clothing/eye protection/face protection
P280	IF ON SKIN (or hair): Remove/Take off immediately all contaminated clothing. Rinse skin with water/shower
P303+P361+P353	In case of fire: Use dry sand, dry chemical or alcohol resistant foam for extinction
P370+P378	Store in a well ventilated place. Keep cool
P403+P235	Dispose of contents/container to an approved waste disposal plant.
P501	

HMIS Classification

Health Hazard	0
Flammability	3
Physical Hazards	0

## Potential Health Effects

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

## Section 3: COMPOSITION / INFORMATION ON INGREDIENTS

### Substances:

Chemical Name	Ethyl Valerate
Common Name:	Pentanoic acid ethyl ester
Synonyms:	Ethyl pentanoate
CAS #	539-82-2
EC#	208-726-1
Molecular Formula	C <sub>7</sub> H <sub>14</sub> O <sub>2</sub>
Molecular Weight	130.18 g/mol

## Section 4: FIRST AID MEASURES

General Advise:	Consult a physician. Show this safety data sheet to the doctor in attendance. Move out of dangerous area.
Contact with eyes:	Flush eyes with water as a precaution.
Contact with skin:	Remove contaminated clothing. Rinse skin with cool water then wash with mild soap and warm water. Consult a physician.
Inhalation:	Provide fresh air, Consult a physician.
Ingestion:	DO NOT induce vomiting. Never give anything by mouth to an unconscious person. Rinse mouth with water, seek medical advice, show this container or label to attending physician.
Clothing contamination:	Remove contaminated clothing and wash before reuse.

## Section 5: FIREFIGHTING MEASURES

Conditions of Flammability	Flammable in the presence of a source of ignition when the temperature is above the flash point. Keep away from heat/sparks/open flame/hot surface.
Suitable Extinguishing Media	Use water spray, alcohol resistant foam, dry chemical or carbon dioxide.
Special Firefighting Procedures:	Do not stay in danger zone without self contained breathing apparatus Wear rubber boots and heavy rubber gloves Prevent fire-fighting water from entering surface or ground water Cool unopened containers with water spray from a safe distance. Contain escaping vapors with water.
Hazardous combustion products	Hazardous decomposition products formed under fire conditions – Carbon oxides

## Section 6: ACCIDENTAL RELEASE MEASURES

Person-related precautionary measures	Evacuate personnel to safe areas. Avoid breathing vapors, mist or gas. Remove all sources of ignition. Beware of vapors accumulating to form explosive concentrations. Vapors can accumulate in low areas
Environmental-protected measures	Do not allow to enter drains or sewage system.
Procedures for cleaning / absorption	Take up with liquid absorbent material. Place in appropriate container and keep closed until disposal
Ventilate area	After clean up, wash spill area and ventilate the area well

## Section 7: HANDLING AND STORAGE

Handling:	Take precautionary measures against static discharges. Avoid inhalation of vapor or mist. Keep away from sources of ignition. When using do not eat or drink.
Storage:	Keep container tightly closed, in dry and well ventilated place. Keep away from source of ignition – no smoking

## Section 8: EXPOSURE CONTROLS/PERSONAL PROTECTION

Exposure Limits:	Contains no substances with occupational exposure limit values.
Personal Protective Equipment::	<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>
Body Protection:	Protective impervious, flame retardant antistatic 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.
Respiratory Protection:	Required when vapors / aerosols are generated.
Eye Protection:	Wear appropriate eye and face protection – Face Shield.
Hand Protection:	Wear chemically resistant Nitrile gloves.
Industrial Hygiene:	Handle in accordance with good industrial hygiene and safety practice. Change contaminated clothing and wash before reuse. Wash hands after working with product. Application of barrier cream is recommended.

## Section 9: PHYSICAL AND CHEMICAL PROPERTIES

Form:	Liquid
Color:	Colorless to pale yellow
Odor:	Strong, fruity ,vinous ,apple like-dilution
Boiling Point:	145°C
Flashpoint:	27°C

# Safety Data Sheet

Melting Point/Freezing Point:	No data available
Ignition temperature	No data available
Lower Explosion Limit	No data available
Upper Explosion Limit	No data available
Vapor Pressure:	No data available
Specific Gravity @ 25°C:	0.870-0.875
Solubility	Slightly soluble in water, soluble in alcohol and ether

## 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 avoid	Heat, flames and sparks
Materials to avoid	Oxidizing agents, bases
Hazardous decomposition products	Hazardous decomposition products formed under fire conditions-Carbon oxides. Other decomposition products-no data available

## Section 11: TOXICOLOGICAL INFORMATION

### Acute toxicity

Oral LD50	No data available
Inhalation LC50	No data available
Dermal LD50	No data available
Other information on acute toxicity	No data available
Skin corrosion/irritation	No data available
Serious eye damage/eye irritation	No data available
Respiratory or skin sensitization	No data available
Germ cell mutagenicity	No data available

### Carcinogenicity

IARC	No component 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 component of this product present at levels greater than or equal to 0.1% is identified as a carcinogen or potential carcinogen by ACGIH.
NTP	No component 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 component 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
Teratogenicity	No data available
Specific target organ toxicity-single exposure (GHS)	No data available
Specific target organ toxicity-repeated exposures (GHS)	No data available
Aspiration hazard	No data available
Potential Health effects	

Inhalation	May be harmful if inhaled. May cause respiratory tract irritation
Ingestion	May be harmful if swallowed

Skin May be harmful if absorbed through skin. May cause skin irritation  
Eyes May cause eye irritation

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

Synergistic effects No data available  
RTECS: Not available

## Section 12: ECOLOGICAL INFORMATION

Toxicity No data available  
Persistence and degradability No data available  
Bioaccumulative potential No data available  
Mobility in soil No data available  
PBT and vPvB assessment No data available  
Other adverse effect No data available

## Section 13: DISPOSAL CONSIDERATIONS

Product: According to local regulations  
Packaging: According to local regulations

## Section 14: TRANSPORT INFORMATION

**DOT (US) UN-no.** **UN3272; Class 3 Packing Group III**  
Proper shipping name Esters, n.o.s.  
Marine Pollutant No  
Poison inhalation hazard No  
**IMDG-Classification** **UN3272; Class 3 Packing Group III**  
Proper shipping name ESTERS, N.O.S. (Ethyl Valerate) DMS-No.: F-E, S-D  
Marine Pollutant No  
**IATA-Classification** **UN3272; Class 3 Packing Group III**  
Proper shipping name ESTERS, N.O.S. (Ethyl Valerate)

## Section 15: REGULATORY INFORMATION

OSHA Hazards Flammable Liquid

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 Hazards

Massachusetts Right to Know components No components are subject to the Massachusetts Right to Know Act

Pennsylvania Right to Know components Ethyl Valerate CAS # 539-82-2 Revision Date:

# Safety Data Sheet

New Jersey Right to Know components

Ethyl Valerate

CAS # 539-82-2

Revision Date:

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	