

|              |   |
|--------------|---|
| 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.<br><br>Prevent fire-fighting water from entering surface or ground water. Keep away from sources of ignition.<br><br>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: ACCIDENTAL 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 |
|----------------------|---|

|   |   |
|---|---|
| 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>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.</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.<br>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%                  |

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|                          |   |
|--------------------------|---|
| 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<br>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  |
| Carcinogenicity          | <p>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.</p> <p>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.</p> <p>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.</p> <p>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.</p> |
| Reproductive Toxicity    | No data available  |
| Potential Health Effects | <p>Inhalation May be harmful if inhaled.</p> <p>Ingestion May be harmful if swallowed</p> <p>Skin May be harmful if absorbed through skin.</p> <p>Eyes May cause eye irritation</p>  |

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**

|                          |                  |         |                  |                  |
|--------------------------|------------------|---------|------------------|------------------|
| DOT (US)                 | UN1195           | Class 3 | Packing Group II |                  |
| Proper shipping name     | Ethyl Propionate |         |                  |                  |
| Reportable Quantity (RQ) | No               |         |                  |                  |
| Marine Pollutant         | No               |         |                  |                  |
| Poison Inhalation Hazard | No               |         |                  |                  |
| IMDG                     | 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.

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|-------------------|-------------------------|
| <b>Issued by:</b> | <b>Contact Person:</b>  |
| Aurochemicals     | Deo N. Persaud          |
| 7 Nicoll Street   | Revised Date: 9/20/2015 |

# Safety Data Sheet



The Natural Choice for Flavor  
and Fragrance Ingredients

|                               |  |
|-------------------------------|--|
| Washingtonville, NY 10992 USA |  |
|-------------------------------|--|

Aurochemicals