

HEALTH	0
FLAMMABILITY	2
REACTIVITY	0

Section 1: IDENTIFICATION

Product Name: **Isoamyl Propionate, Natural**
 Product Number: **0208200**

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 Combustible Liquid
 GHS Classification Flammable Liquids (Category 3) H226
 Acute toxicity, Oral (Category 5) H303

Pictogram or written description



Signal Word:

WARNING

Hazard Statement:

H226 Flammable liquid and vapor.
 H303 May be harmful if swallowed.

Precautionary Statement

None

HMIS Classification

Health Hazard 0
 Flammability 2
 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:

Component	Isopentyl propionate
Common Name:	Isoamyl Propionate

Synonyms:	Propionic Acid Isoamyl Ester; Amyl Propionate
CAS #	105-68-0
EC#	203-322-1
Index No.	607-131-00-8
Formula	C ₈ H ₁₆ O ₂
Molecular Weight	144.21 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 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 Prevent fire-fighting water from entering surface or ground water Cool unopened containers with water spray from a safe distance.
Other Information	Hazardous decomposition products formed under fire conditions – Carbon oxides

Section 6: ACCIDENTAL RELEASE MEASURES

Personal precautions	Evacuate personnel to safe areas. Avoid breathing vapors, mist or gas. Ensure adequate ventilation. Remove all sources of ignition. Beware of vapors accumulating to form explosive concentrations. Vapors can accumulate in low areas.
Environmental-protected measures	Prevent further leakage or spillage if safe to do so. 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

Precautions for safe handling	Avoid inhalation of vapor or mist. Keep away from sources of ignition-No smoking. Take measures to prevent the buildup of electrostatic charge.
Conditions for safe storage	Keep container tightly closed in a dry and well-ventilated place. Containers which are opened must be carefully resealed and kept upright to prevent leakage.

Section 8: EXPOSURE CONTROLS/PERSONAL PROTECTION

Exposure Limits:	Contains no substances with occupational exposure limit values.
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Personal Protective Equipment:	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.
Body Protection:	Impervious clothing of flame retardant and anti-static materials 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 gloves of Nitrile rubber.
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

Appearance:	Colorless Liquid
Odor:	A Sweet, fruity odor
Boiling Point:	160°C
Flashpoint:	48°C -closed cup
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:	0.866-0.871
Solubility	Soluble in most organic solvents

Section 10: STABILITY AND REACTIVITY

Chemical Stability	Stable under recommended storage conditions
Possibility of hazardous reactions	No data available
Conditions to avoid	Heat, Flames and Sparks
Materials to avoid	Strong oxidizing agents
Hazardous decomposition products:	Fumes formed under fire conditions – carbon oxides
Further information	No data available

Section 11: TOXICOLOGICAL INFORMATION

Acute Toxicity	
LD50, Oral - Rat	>4,355 mg/kg
LC50 Inhalation	No data available
LD50 Dermal Rabbit	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 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 Hazards 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: NT0190000

Section 12: ECOLOGICAL INFORMATION

Toxicity No data available

Section 13: DISPOSAL CONSIDERATIONS

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

Section 14: TRANSPORT INFORMATION

DOT (US) **UN 3272 Class 3 Packing Group III**
Proper shipping name Esters, n.o.s.
Reportable Quantity (RQ)
Marine pollutant No
Poison Inhalation Hazard No

IMDG-Classification

Proper shipping name
Marine pollutant

UN 3272 Class 3 Packing Group III EMS-No.: F-E, S,D
ESTERS, N.O.S. (Isopentyl propionate)
No

IATA-Classification

Proper shipping name

UN 3272 Class 3 Packing Group III
Esters, n.o.s. (Isopentyl propionate)

Section 15: REGULATORY INFORMATION

OSHA Hazards	Combustible 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 Hazard
Massachusetts Right to Know components	No components are subject to Massachusetts Right To Know Act
Pennsylvania Right to Know components	Isopentyl propionate CAS# 105-68-0 Rev. Date:
New Jersey Right to Know components	Isopentyl propionate CAS# 105-68-0 Rev. 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.

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