

HEALTH	2
FLAMMABILITY	2
REACTIVITY	0

Section 1: IDENTIFICATION


Product Name: **Allyl Heptoate (Allyl Heptanoate), Natural**
 Product Number: **0203100**
 Recommended Use: Flavorings

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

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

Section 2: HAZARD(s) IDENTIFICATION

OSHA Hazards: Combustible Liquid, Toxic by ingestion, Toxic by skin absorption
 GHS Classification: Flammable liquids (Category 4)
 Acute toxicity, Oral (Category 4)
 Acute toxicity, Dermal (Category 3)
 Skin irritation (Category 2)

GHS Label elements, including precautionary statements
 Pictogram: 

Signal Word: DANGER

Hazard Statement: H227 Combustible liquid
 H302 Harmful if swallowed
 H311 Toxic in contact with skin
 H315 Causes skin irritation

Precautionary Statement: P280 Wear protective gloves/protective clothing
 P312 Call a POISON CENTER or physician if you feel unwell

HMIS Classification: Health Hazard 2
 Flammability 2
 Physical Hazards 0

Potential Health Effects: Inhalation May be harmful if inhaled. May cause respiratory tract irritation
 Skin Toxic if absorbed through skin. May cause skin irritation
 Eyes May cause eye irritation
 Ingestion Toxic if swallowed

Section 3: COMPOSITION / INFORMATION ON INGREDIENTS

Common Name:	Allyl Heptanoate
Synonyms:	No data available
CAS #	142-19-8
EC#	205-527-1
Molecular Weight	170.25 g/mol
Molecular Formula	C ₁₀ H ₁₈ O ₂

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:	Rinse thoroughly with plenty of water for at least 15 minutes and seek medical advice.
Contact with skin:	Remove contaminated clothing. Rinse skin with cool water then wash with plenty of mild soap and warm water. Take victim immediately to hospital. 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:	Wash contaminated clothing before re-use

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. No smoking
Suitable extinguishing media	Use water spray, alcohol-resistant foam, dry chemical or carbon dioxide
Special protective equipment for firefighters	Wear self contained breathing apparatus for firefighting if necessary
Other Information	Hazardous decomposition products formed under fire conditions – Carbon oxides. Use water spray to cool unopened containers.

Section 6: ACCIDENTAL RELEASE MEASURES

Personal precautions	Wear respiratory protection. 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 let product enter drains.
Procedures for cleaning / absorption	Pick up and arrange disposal without creating dust. Sweep up and shovel and place in container for disposal according to local regulations.
Ventilate area	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. Keep
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Conditions for safe storage: away from sources of ignition-no smoking. Take measures to prevent the buildup of electrostatic charge. 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

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.

Personal Protective Equipment: Complete suit protecting against chemicals 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: Where risk assessment shows respirators are appropriate the respirator should be selected specifically for the work place, depending on concentration and quantity of the hazardous substances handled. Use respirators and components tested and approved under appropriate government standards such as NIOSH.

Eye Protection: Wear appropriate face shield and safety glasses. Use equipment for eye protection tested and approved under appropriate government standards such as NIOSH (US) or EN 166 (EU).

Hand Protection: Wear chemically resistant Nitrile rubber gloves and wash and dry hands after handling this product.

Industrial Hygiene: Avoid contact with skin, eyes, and clothing. Handle in accordance with good industrial hygiene and safety practice. Wash contaminated clothing before reuse. Wash hands after working with product

Section 9: PHYSICAL AND CHEMICAL PROPERTIES

Appearance:	Colorless to light yellow
Odor:	Characteristic wine odor with slight banana note
Boiling Point:	210°C
Flashpoint:	83°C
Melting Point/Freezing Point:	-66°C
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:	0.880-0.885
Solubility	1:1 in 95% ethanol; insoluble in water

Section 10: STABILITY AND REACTIVITY

Chemical stability	Stable under recommended storage conditions
Possibility of Hazardous reactions	No data available
Conditions to avoid	Heat, flames, sparks
Materials to avoid	Strong oxidizing agents,
Hazardous decomposition products	Hazardous decomposition products formed under fire conditions-Carbon oxides.

Section 11: TOXICOLOGICAL INFORMATION

LD50, Oral Rat	500 mg/kg Remarks: Behavioral: Somnolence (General depressed activity) Ataxia
LD50, Oral Mouse:	630 mg/kg Remarks: Behavioral: Somnolence (General depressed activity)
LC50 Inhalation	No data available
LD50 Dermal - Rabbit	810 mg/kg
Further toxicological information	No data available
Skin corrosion / irritation	Human – Mild skin irritation -48 h Rabbit – Moderate skin irritation -24h
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 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
Specific target organ toxicity-Single Exposure (GHS)	No data available
Specific target organ toxicity-Repeated Exposure (GHS)	No data available
Aspiration hazard	No data available
Potential health effects	Inhalation May be harmful if inhaled. May cause respiratory tract irritation Ingestion Toxic if swallowed Skin Toxic if absorbed through skin. May cause skin irritation Eyes May cause eye irritation
Synergistic effects	No data available

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Section 12: ECOLOGICAL INFORMATION

Toxicity No data available

Section 13: DISPOSAL CONSIDERATIONSProduct: According to local regulations
Packaging: According to local regulations**Section 14: TRANSPORT INFORMATION**

DOT (US) UN 2810 Class 6.1 Packing Group III
 Proper shipping name Toxic, liquids, organic, n.o.s. (Allyl Heptanoate)
 Reportable Quantity (RQ) No
 Marine Pollutant No
 Poison inhalation hazard No

IMDG UN 2810 Class 6.1 Packing Group III EMS-No: F-A, S-A
 Proper shipping name TOXIC, LIQUIDS, ORGANIC N.O.S. (Allyl Heptanoate)
 Marine Pollutant No

IATA UN 2810 Class 6.1 Packing Group III
 Proper shipping name Toxic, liquids, organic, n.o.s. (Allyl Heptanoate)

Section 15: REGULATORY INFORMATION

OSHA Hazards Combustible Liquid, Toxic by ingestion, Toxic by skin absorption
 SARA 302 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 No components are subject to the Massachusetts Right to Know Act

Pennsylvania Right to Know Components Allyl Heptanoate CAS # 142-19-8 Rev. Date:

New Jersey Right to Know Components Allyl Heptanoate CAS # 142-19-8 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

Safety Data Sheet

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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