

HEALTH	2
FLAMMABILITY	2
REACTIVITY	0

Section 1: IDENTIFICATION

Product Name: **Trans-2-Hexenyl Acetate, Natural**

Product Number: **0256400**

CAS No: 2497-18-9

Recommended Use: Flavorings

Manufacturer: Aurochemicals
7 Nicoll Street,
Washingtonville, NY 10992

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

Section 2: HAZARD(s) IDENTIFICATION

OSHA Hazards: Combustible Liquid, Irritant

GHS Classification: Flammable liquids (Category 3)
Skin irritation (Category 2)
Eye irritation (Category 2A)
Specific target organ toxicity-single exposure (Category 3)

GHS Label elements, including precautionary statements

Pictogram or written description



Signal Word:

Warning

Hazard Statement:

H226 Flammable liquid and vapor
H315 Causes skin irritation
H319 Causes serious eye irritation
H335 May cause respiratory irritation

Precautionary Statement

P210 Keep away from heat/sparks/open flames/hot surfaces. No smoking.

P233 Keep container tightly closed.

P240 Ground/bond container and receiving equipment.

P241 Use explosion-proof electrical/ ventilating/ lighting/ equipment.

P242 Use only non-sparking tools.

P243 Take precautionary measures against static discharge.

P264 Wash skin thoroughly after handling.

P261 Avoid breathing dust/fume/gas/mist/vapors/spray

P303 + P361 + P353 IF ON SKIN (or hair): Remove/ Take off immediately all contaminated clothing. Rinse skin with water/ shower.

P304 + P340 IF INHALED: Remove victim to fresh air and keep at rest in a position comfortable for breathing.

P305+P351+P338 IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses if present and easy to do. Continue rinsing.

P403 + P233 Store in a well-ventilated place. Keep container tightly closed
 P403 + P235 Store in a well-ventilated place. Keep cool.
 P501 Dispose of contents/ container to an approved waste disposal plant.

HMIS Classification Health Hazard 2
 Flammability 2
 Physical hazards 0

Section 3: COMPOSITION / INFORMATION ON INGREDIENTS

Component Trans-Hex-2-enyl acetate
 Chemical Name Trans 2 Hexenyl Acetate
 Common Name: Trans 2 Hexenyl Acetate
 CAS # 2497-18-9
 EC# 219-680-7
 Molecular Formula C₈H₁₄O₂

Hazardous components

Component	Classification	Concentration
trans-Hex-2-enyl acetate		
	Flam. Liq. 3; Skin Irrit. 2; Eye Irrit.2A; STOT SE 3; H226, H315,H319,H335	<= 100 %

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
 Ingestion: Rinse mouth with water, seek medical advice
 Clothing: Remove contaminated clothing and wash before re-use

Section 5: FIREFIGHTING MEASURES

Suitable extinguishing media For small (incipient) fires, use media such as alcohol foam, dry chemical, or carbon dioxide. For large fires, apply water from as far as possible. Use very large quantities (flooding) of water applied as a mist or spray; solid streams of water may be ineffective. Cool all affected containers with flooding quantities of water.
 Special protective equipment for firefighters Wear self contained breathing apparatus for firefighting if necessary
 Hazardous combustion products Formed under fire conditions – Carbon oxides
 Further information Use water spray to cool unopened containers

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 accumulate in low areas.**
 Environmental precautions Prevent further leakage or spillage if safe to do so. Do not let product enter drains.
 Methods and material for containment and clean- Contain spillage, cover with absorbent material, sweep up and place contents in container

up for disposal per local regulations

Section 7: HANDLING AND STORAGE

Precautions for safe handling	Avoid contact with skin and eyes. 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	Store in cool place. 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:	Avoid contact with eyes, skin, clothing and breathing of vapors
Personal Protection:	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.
Respiratory Protection	Where risk assessment shows air-purifying respirators are appropriate use a full face respirator with multi-purpose combination respirator cartridges as a back up to engineering controls. If the respirator is the sole means of protection, use a full faced supplied air respirator.
Hand protection	Handle with chemically resistant gloves
Eye Protection:	Face shield and safety glasses
Hygiene measures	Handle in accordance with good industrial hygiene and safety practice. Wash hands before and after handling product and before and after breaks. Change contaminated clothing/

Section 9: PHYSICAL AND CHEMICAL PROPERTIES

Form:	Liquid
Color:	Clear colorless
Odor:	Green fruity, characteristic odor
Boiling Point:	165–166°C
Flashpoint:	44°C
Melting Point:	N/A
Ignition temperature	No information available
Oxidizing Properties	Not oxidizing; Not Flammable
Lower Explosion Limit	No information available
Upper Explosion Limit	No information available
Vapor Pressure:	N/A
Specific Gravity @ 25°C:	0.890-0.900
Solubility	Soluble in oils and ethanol; very slightly soluble in water

Section 10: STABILITY AND REACTIVITY

Conditions to be avoided	Heating
Substances to be avoided	Strong oxidizing agents, Strong bases
Hazardous decomposition products:	Hazardous decomposition products formed under fire conditions – Carbon Oxides.

Section 11: TOXICOLOGICAL INFORMATION

LD50, Oral Rat	5,000 mg/kg
LC50, Dermal Rabbit	5,000 mg/kg
LD50, Inhalation Rat	No information available
Further Toxicological Information	May be harmful in inhaled, swallowed, or if absorbed through the skin
Carcinogenicity	
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 probable, possible or confirmed human carcinogen by ACGIH
NTP	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 NTP
OSHA	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 OSHA

Section 12: ECOLOGICAL INFORMATION

No data available
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)	UN3272 Class 3 Packing Group III
Proper shipping name	Esters, n.o.s.
Marine Pollutant	No
Poison Inhalation Hazard	No
IMDG	UN3272 Class 3 Packing Group III EMS-No.: F-E, S-D
Proper shipping name	ESTERS, N.O.S. (TRANS-HEX-2-ENYL-ACETATE)
Marine Pollutant	No
IATA	UN3272 Class 3 Packing Group III
Proper shipping name	Esters, n.o.s. (trans-Hex-2-enyl acetate)

Section 15: REGULATORY INFORMATION

OSHA Hazards	Combustible Liquid, Irritant
SARA 302 Components	No chemicals in this material are subject to the reporting requirements of SARA 302 components
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	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	trans-Hex-2-enyl acetate CAS# 2494-18-9 Rev. Date:
New Jersey Right to Know Components	trans-Hex-2-enyl acetate CAS# 2494-18-9 Rev. Date:
California Prop. 65 Component	This product does not contain any chemicals known to State of California to cause 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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