

HEALTH	*
FLAMMABILITY	2
REACTIVITY	0

## Section 1: IDENTIFICATION

Product Name:	<b>Menthyl Acetate, Natural</b>
Product Number:	<b>0266800</b>
CAS No.:	<b>2623-23-6</b>
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

GHS Classification in accordance with 29 CFR 1910 (OSHA HCS)  
Flammable Liquid (Category 4) H, 227

Signal Word: Warning

Pictogram or written description



Hazard Statement:	H227	Combustible liquid
	H410	Very Toxic to aquatic life with long lasting effects

Precautionary Statement	P210	Keep away from heat/sparks/open flames/hot surfaces- No smoking
	P280	Wear protective gloves/protective clothing/eye protection/face protection
	P370+P378	In case of fire: Use dry sand, dry chemical or alcohol resistant foam for extinction
	P403+P238	Store in a well ventilated place. Keep cool
	P501	Dispose of contents/container to an approved waste disposal plant

Other hazards: None

HMIS Classification	Health Hazard	0
	Chronic Health Hazard*	
	Flammability	2
	Physical Hazards	0

## Section 3: COMPOSITION / INFORMATION ON INGREDIENTS

### Substances:

Component	Acetic acid menthyl ester
CAS #	2623-23-6
EC#	220-076-0
Formula	C <sub>12</sub> H <sub>22</sub> O <sub>2</sub>
Molecular Weight	198.3 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. No smoking.
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. Discharge into the environment must be avoided.
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 contact with skin and eyes. Avoid inhalation of vapor or mist. Use explosion proof equipment. 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. Moisture sensitive.

## Section 8: EXPOSURE CONTROLS/PERSONAL PROTECTION

Contains no substances with occupational exposure limits

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, flame retardant and anti-static 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:

Where risk assessment shows air purifying respirators are appropriate use a full face respirator with multi-purpose combination (US) or type ABEK (EN 14387) respirator cartridges as a back up to engineering controls.

Eye Protection:

Wear tightly fitting safety goggles, Face shield – 8 “ min. Wear appropriate eye and face protection.

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

Form:	Liquid
Color:	Colorless
Odor:	Honey sweet
Boiling Point:	228-229°C
Flashpoint:	77°C
Melting Point	No data available
Ignition temperature	No data available
Lower Explosion Limit	No data available
Upper Explosion Limit	No data available

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Vapor Pressure:	No data available
Specific Gravity @ 25°C:	0.920-0.930
Solubility :	Soluble in most organic solvents
Relative vapor density	No data available
Evaporation Rate	No data available

## 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. Extremes of temperature and direct sunlight.
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	>5,000 mg/kg
LC50 Inhalation	No data available
LD50 Dermal - Rabbit	<5,000 mg/kg
Other information on acute toxicity:	May be harmful if absorbed through skin, inhaled, or swallowed
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.

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Reproductive toxicity	No data available
Teratogenicity	No data available
Specific target organ toxicity-single exposure (GHS)	May cause drowsiness or dizziness.
Specific target organ toxicity-repeated exposures (GHS)	No data available
Aspiration Hazards	No data available
Potential Health effects	
	Inhalation May be harmful if inhaled.
	Ingestion May be harmful if swallowed
	Skin May be harmful if absorbed through skin. Causes skin irritation
Synergistic effects	No data available
RTECS:	AI9100000

## Section 12: ECOLOGICAL INFORMATION

Toxicity	No data available
Toxicity to fish	No data available
Toxicity to daphnia and other aquatic invertebrates	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 effects	An environmental hazard cannot be excluded in the event of unprofessional handling or disposal. Very Toxic to aquatic life.

## Section 13: DISPOSAL CONSIDERATIONS

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

## Section 14: TRANSPORT INFORMATION

DOT (US)	NA-1993 Class None Packing Group III Combustible liquid, n.o.s (Menthyl Acetate)
IMDG	Not dangerous goods
IATA	Not dangerous goods

## Section 15: REGULATORY INFORMATION

Symbol	N Dangerous for the environment
R-Phrases	51/53 Very toxic to aquatic organisms, may cause long term adverse affects in the environment

# Safety Data Sheet



S-Phrase	61 Avoid release to the environment
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 the Massachusetts Right to Know Act:
Pennsylvania Right to Know components	Menthyl Acetate      CAS#2623-23-6      Rev. Date:
New Jersey Right to Know components	Menthyl Acetate      CAS#2623-23-6      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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