


HEALTH	2
FLAMMABILITY	2
REACTIVITY	0

Section 1: IDENTIFICATION

Product Name:	1-Octen-3-ol, Natural
Product Number:	0280500
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, Toxic by ingestion, irritant	
Other hazards which do not result in classification	Possible sensitizer	
GHS Classification	Flammable Liquid (Category 4), H227 Acute Toxicity, oral (Category 4), H302 Skin irritation (Category 2), H315 Eye irritation (Category 2A), H319 Acute aquatic toxicity (Category 1), H410 Chronic aquatic toxicity (Category 3), H412	
Pictogram or written description		
Signal Word	WARNING	
Hazard Statement:	H227 H302 H315 H319 H412	Combustible Liquid Harmful if swallowed Causes skin irritation Causes eye irritation Harmful to aquatic life
Precautionary Statement	P210 P264 P270 P273 P280 P301+P312 P302+P352 P305+P351+P338 P330 P332+P313 P337+P313	Keep away from heat/sparks/open flames/hot surface-No Smoking Wash skin thoroughly after handling Do not eat, drink, or smoke when using this product Avoid release to the environment Wear protective gloves/protective clothing/eye protection/face protection IF SWALLOWED: Call a POISON CENTER or doctor/physician if you feel unwell. IF ON SKIN: Wash with plenty of soap and water IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses. If present and easy to do. Continue rinsing. Rinse mouth If skin irritation occurs. Get medical advice/attention If eye irritation persists: Get medical advice/attention

P362 Take off contaminated clothing and wash before reuse
 P370+P378 In case of fire: Use dry sand, dry chemical or alcohol resistant foam for extinction.
 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

Synonyms: Pentyl vinyl carbinol
 CAS # 3391-86-4
 EC# 222-226-0
 Molecular Formula C₈H₁₆O
 Molecular Weight 128.21 g/mol

Hazardous Components

Component	Classification	Concentration
1-Octene-3-OL	Flammable Liquid (4), H227 Acute Toxicity, oral (4), H302 Skin irritation (2), H315 Eye irritation (2A), H319 Acute aquatic toxicity (1), H410 Chronic aquatic toxicity (3), H412	90-100%

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 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 attention.

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 Firefighting Procedures:	Do not stay in danger zone without self contained breathing apparatus Prevent fire-fighting water from entering surface or ground water.
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

Person-related precautionary measures	Use personal protective equipment. 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. 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. 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
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:	Complete suit to protect from 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:	Required when vapors/aerosols are generated.
Eye Protection:	Wear appropriate eye and face protection – Face Shield
Hand Protection:	Wear chemically resistant gloves

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

Section 9: PHYSICAL AND CHEMICAL PROPERTIES

Form:	Liquid
Color:	Colorless to pale yellow
Odor:	Mushroom
Boiling Point:	175-175.20° C
Flashpoint:	68°C
Melting Point/Freezing Point:	No data available
Ignition temperature	No data available
Oxidizing Properties:	N/a
Lower Explosion Limit	No data available
Upper Explosion Limit	No data available
Vapor Pressure:	No data available
Specific Gravity @ 25°C:	0.829-0.849
Solubility:	1:1 in 95% alcohol

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	Formed under fire conditions- Carbon Oxides.

Section 11: TOXICOLOGICAL INFORMATION

LD50, Oral Rat	340 mg/kg
LC50 Inhalation	No data available
LD50 Dermal Rabbit	3,300 mg/kg
Further toxicological information	No data available
Skin corrosion / irritation	No data available
Serious eye damage/eye irritation	No data available
Respiratory or Skin sensitisation	Prolonged or repeated exposure may cause allergic reactions in certain sensitive individuals
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 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.

Safety Data Sheet

Reproductive toxicity	No data available
Teratogenicity	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

Synergistic effects	No data available
RTECS:	RH3300000
Additional Information:	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
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
Further ecological data	Harmful to aquatic life

Section 13: DISPOSAL CONSIDERATIONS

Product:	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. (Amyl Vinyl Carbinol)
Reportable quantity (RQ)	
Marine pollutant	This product contains a chemical which is listed as a marine pollutant according to IMDG/IMO
Poison Inhalation Hazard	No
IMDG /IATA	UN 2810 Class: 6.1 Packing Group III
ERG Code	Toxic Liquids, Organic, n.o.s. (Amyl Vinyl Carbinol) 153

Section 15: REGULATORY INFORMATION

OSHA Hazards	Combustible liquid, Toxic by ingestion, 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

Safety Data Sheet



numbers that exceed the threshold (De Minimis) reporting levels established by SARA Title II, 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

Oct-1-ene-3ol CAS# 3391-86-4 Rev. Date:

New Jersey Right to Know Components

Oct-1-ene-3ol CAS# 3391-86-4 Rev. Date:

California Prop. 65 Components

This product does not contain any chemicals known to the 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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