

Safety Data Sheet

HEALTH 2
FLAMMABILITY 2
REACTIVITY 0

Section 1: IDENTIFICATION

Product Name: **Myrcene, Natural**
Product Number: **0276200**
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 **Flammable liquid, Irritant, Harmful, Toxic to aquatic environment**

GHS Classification **Flammable Liquids (Category 3)**
Skin irritation (Category 2)
Eye irritant (Category 2A)
Aspiration Toxic (Category 1)
Specific target organ toxicity-single exposure (Category 3)

Pictogram or written description



Signal Word:
Hazard Statement:

DANGER

Precautionary Statement

H226 Flammable liquid and vapor.
H304 May be fatal if swallowed and enters airways
H315 Causes skin irritation
H317 May cause an allergic skin reaction
H319 Causes serious eye irritation
H411 Very Toxic to aquatic life with long lasting effects
P210 Keep away from heat/sparks/open flame/hot surface
P233 Keep container tightly closed
P261 Avoid breathing dust/fume/gas/mist/vapor/spray
P273 Avoid release into environment
P301+P310 IF SWALLOWED: Immediately call POISON Center or Doctor
P302+P352 IF ON SKIN: Wash with plenty of cool then warm soap & water
P303+P361+P353 IF ON SKIN (hair) Remove contaminated clothing. Rinse skin and hair with shower
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+P235 Store in well ventilated place – Keep cool
P501 Dispose of contents/containers in accordance with

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Other hazards	local/regional/national/international regulations Can cause lung damage if swallowed	
HMIS Classification	Health Hazard	2
	Flammability	2
	Physical Hazards	3
Potential Health Effects	Inhalation	May be harmful if inhaled. Causes respiratory tract irritation.
	Skin	May be harmful if absorbed through skin. Causes skin irritation
	Eyes	Causes eye irritation
	Ingestion	May be harmful if swallowed

Section 3: COMPOSITION / INFORMATION ON INGREDIENTS

Component	7-Methyl-3-methylene-1,6-octadiene
Synonyms:	β -Myrcene
CAS #	123-35-3
EC#	204-622-5
Formula	C ₁₀ H ₁₆
Molecular Weight	136.23 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:	Rinse thoroughly with plenty of water for at least 15 minutes and consult a physician.
Contact with skin:	Remove contaminated clothing. Rinse skin with cool water then wash with mild soap and warm water. Consult a physician if symptoms persist.
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. Keep at rest.
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. For safety reasons do not use full water jet.
Special Firefighting Procedures:	Evacuate personnel and clear area. Wear chemical safety goggles, rubber boots and heavy rubber gloves. Avoid breathing vapors. Wear self contained breathing apparatus for firefighting and protective clothing to prevent contact with skin and eyes. High temperatures can lead to high pressures inside closed containers. Avoid inhalation of vapors that are created- Toxic . Avoid possible contamination to the environment. Do not allow spillage of fire to enter drains or watercourses.
Other Information	Hazardous decomposition products formed under fire conditions – Toxic Fumes

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Section 6: ACCIDENTIAL 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. TOXIC FUMES. Vapors can accumulate in low areas. Use personal protective equipment. Wear self contained respirator, chemical safety goggles, rubber boots and heavy rubber gloves.
Environmental-protected measures	Prevent further leakage or spillage if safe to do so. Do not allow to enter drains or sewage system.
Methods and materials for containment and cleaning up	Contain spillage with absorbent material, and then collect using absorbent material and place in container for disposal according to local regulations.
Ventilate area	After clean up, wash spill area and ventilate the area well

Section 7: HANDLING AND STORAGE

Precautions for safe handling	Provide suitable air extraction ventilation in the work area. Vapors may form an explosive mixture with air. Avoid contact with the eyes, skin and clothing. Wear protective clothing and use chemical safety glasses. Observe the rules of hygiene and safety at work. Keep only in original container.
Conditions for safe storage	Store in a tightly sealed and preferably full containers in cool, dry and ventilated area. Keep in glass, suitable plastic, aluminum or lacquer lined container. Keep away from heat/overheating/and light sources Keep away from sources of ignition and incompatible materials Prevent access to unauthorized persons. Do not store this material near food or drinking water. DO NOT OPEN Containers under pressure Smoking should not be allowed in work areas.

Section 8: EXPOSURE CONTROLS/PERSONAL PROTECTION

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:	In case of insufficient ventilation, use suitable respiratory equipment. In the case of brief exposure, use a device filter.
Eye Protection:	Wear tightly fitting Chemical safety goggles. Wash goggles before reuse. Care should be taken to avoid splashes into the eyes or skin.
Hand Protection:	Compatible chemical resistant gloves are recommended. Wash gloves before reuse.

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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.

Engineering Controls – Ventilation

Do not breathe vapors, Mechanical exhaust required. In confined or poorly ventilated areas, the use of an appropriate respiratory protection may be required

Section 9: PHYSICAL AND CHEMICAL PROPERTIES

Form:	Liquid
Color:	Colorless to pale yellow
Odor:	Fruity, Sweet, Ethereal
Boiling Point:	166-167°C
Flashpoint:	38°C
Melting Point	No data available
Ignition temperature	No data available
Lower Explosion Limit	No data available
Upper Explosion Limit	No data available
Vapor Pressure:	9 hPa (7mmHg) at 20°C (68°F)
Specific Gravity @ 25°C:	0.785-0.820
Solubility	Soluble in alcohol and oils; insoluble in water
Relative vapor density	4.7 – (Air=1.0)
Evaporation Rate	No data available

Section 10: STABILITY AND REACTIVITY

Chemical Stability	No data available
Possibility of hazardous reactions	No data available
Conditions to avoid	Excessive Heat, Flames, or other ignition sources
Materials to avoid	No incompatibilities known
Hazardous decomposition products:	Fumes formed under fire conditions - Carbon Monoxides and unidentified organic compounds
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:	No data available
Skin corrosion/irritation	Rabbit – skin irritation-24 h
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.

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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	Reproductive toxicity-Rat-Oral: Effects on Fertility-Pre-implantation mortality (e.g., reduction in number of implants per female; total number of implants per corpora lutea). Effects on Embryo or Fetus: Fetotoxicity (except death. E.g., stunted fetus). Specific Developmental Abnormalities: Musculoskeletal system.. Effects on Newborn: Weaning or lactation index (e.g., # alive at weaning per #alive at day 4).
Teratogenicity	No data available
Specific target organ toxicity-single exposure (GHS)	Inhalation: May cause respiratory irritation.
Specific target organ toxicity-repeated exposures (GHS)	No data available
Aspiration Hazards	No data available
Potential Health effects	
Inhalation	May be harmful if inhaled. Causes tract irritation.
Ingestion	May be harmful if swallowed
Skin	May be harmful if absorbed through skin. Causes skin irritation
Eyes	Causes 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:	RG5365000

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	Do not allow to get into waste water or waterways

Section 13: DISPOSAL CONSIDERATIONS

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

Section 14: TRANSPORT INFORMATION

DOT (US)	UN 2319 Class 3 Packing Group III
Proper shipping name	Terpene hydrocarbons, n.o.s.
Reportable Quantity (RQ)	
Marine pollutant	No
Poison Inhalation Hazard	No

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IMDG-Classification	UN 2319 Class 3 Packing Group III	EMS-No.: F-E, S,D
Proper shipping name	TERPENE HYDROCARBONS, N.O.S.	
Marine pollutant	No	
IATA-Classification	UN 2319 Class 3 Packing Group III	
Proper shipping name	Terpene hydrocarbons, n.o.s.	

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 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	7-Methyl-3-methyleneocta-1,6-diene	CAS#123-35-3	Rev. Date:
New Jersey Right to Know components	7-Methyl-3-methyleneocta-1,6-diene	CAS#123-35-3	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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