

Section 1. Product and Company Identification

Product Name Myrcene
CAS Number 123-35-3

Parchem - fine & specialty chemicals
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New Rochelle, NY 10801
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EMERGENCY RESPONSE NUMBER
CHEMTEL
Toll Free US & Canada: 1 (800) 255-3924
All other Origins: 1 (813) 248-0585
Collect Calls Accepted

Section 2. Hazards Identification

Classification of the substance or mixture

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)

GHS Label Elements

Pictograms:



Signal word: DANGER

Hazard and precautionary statements

Hazard Statements

H226 Flammable liquid and vapor.
H304 May be fatal if swallowed and enters airways
H325 Causes skin irritation
H327 May cause an allergic skin reaction
H329 Causes serious eye irritation
H422 Very Toxic to aquatic life with long lasting effects

Precautionary Statements

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 local/regional/national/ international regulations

OSHA Hazards

Flammable Liquid, Irritant, Harmful, Toxic to Aquatic Environment

Other Hazards: Can cause lung damage if swallowed

HMIS Classification

Health: 2

Flammability: 2

Reactivity: 0

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

Common Name Myrcene
Synonym(s) β -Myrcene; 7-Methyl-3-methylene-1,6-octadiene
Formula $C_{10}H_{16}$
CAS Number 123-35-3

COMPONENT	CAS NUMBER	CONCENTRATION
Myrcene	123-35-3	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.

Eye Contact: Rinse thoroughly with plenty of water for at least 15 minutes and consult a physician.

Skin Contact: 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

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. 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: 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.

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

Flash Point: 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 (20°C/68°F): 9 hPa (7 mmHg)

Specific Gravity (25°C): 0.789 - 0.795

Solubility: Not soluble in ethanol

Relative vapor density (Air = 1.0): 4.7

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: > 5000 mg/kg

LC50 Inhalation: No data available

LD50 Dermal - Rabbit: > 5000 mg/kg

Other information on acute toxicity: No data available

Skin corrosion/irritation: Rabbit - 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 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 known or anticipated 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

Waste Treatment Methods: Dispose of product and contaminated packaging in accordance with all local, state, and federal environmental control regulations.

Section 14. Transport Information

DOT (US)

UN Number: UN 2319

Hazard Class: Class 3

Packing Group: PG III

Proper shipping name: Terpene Hydrocarbons N.O.S. (Myrcene)

Reportable Quantity (RQ): Not available

Marine pollutant: No

Poison Inhalation Hazard: No

IMDG Classification

UN Number: UN2319

Hazard Class: Class 3

Packing Group: PG III

EMS-No.: F-E, S,D

Proper shipping name: Terpene Hydrocarbons, N.O.S. (Myrcene)

Marine pollutant: No



IATA Classification

UN Number: UN2319

Hazard Class: Class 3

Packing Group: PG III

Proper shipping name: Terpene Hydrocarbons, N.O.S. (Myrcene)

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)

New Jersey Right to Know components

7-Methyl-3-methyleneocta-1,6-diene (CAS# 123-35-3)

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

Disclaimer: The above information is believed to be correct but does not purport to be all inclusive and shall be used only as a guide. The information in this document is based on the present state of our knowledge and is applicable to the product with regard to appropriate safety precautions. It does not represent any guarantee of the properties of the product.

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