


Section 1. Product and Company Identification

Product Name Cyclohexyl Methacrylate
CAS Number 101-43-9

Parchem - fine & specialty chemicals

415 Huguenot Street

New Rochelle, NY 10801

 **(914) 654-6800**  **(914) 654-6899**

 **parchem.com**  **info@parchem.com**

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 4)

Acute toxicity, Oral (Category 4)

Skin irritation (Category 3)

Eye irritation (Category 2A)

Skin sensitization (Category 1)

Acute aquatic toxicity (Category 3)

GHS Label Elements

Pictograms:



Signal word: Warning

Hazard and precautionary statements

Hazard statement(s)

H227 Combustible liquid

H302 Harmful if swallowed.

H316 Causes mild skin irritation.

H317 May cause an allergic skin reaction.

H319 Causes serious eye irritation.

H402 Harmful to aquatic life.



Precautionary statement(s)

P280 Wear protective gloves.

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

Causes skin, eye, and respiratory tract irritation. Combustible.

Hazard Ratings

Health: 1

Flammability: 2

Reactivity: 1

Section 3. Composition / Information on Ingredients

Common Name Cyclohexyl Methacrylate
Formula $C_{10}H_{16}O_2$
CAS Number 101-43-9

COMPONENT	CAS NUMBER	CONCENTRATION
Cyclohexyl Methacrylate	101-43-9	100%

Section 4. First Aid Measures

Eye Contact: Flush eyes with flowing water for at least 15 minutes.

Inhalation: Remove to fresh air. If breathing is difficult, contact emergency personnel.

Ingestion: If swallowed, do not induce vomiting. Do not give anything to drink. Obtain medical attention without delay. If swallowed, wash out mouth with water if person is conscious.

Skin Contact: Wash skin with deluge of water for at least 15 minutes.

Section 5. Firefighting Measures

Flash Point (Closed Cup): 181°F

UEL: No data

LEL: No data

Auto-ignition Temperature: No data

Flammability Classification: No data

Flame Propagation Rate: No data

Hazardous Combustion Products: No data



Section 6. Accidental Release Measures

Any information listed below is to be considered in addition to internal guidelines for isolation of spill, containment of spill, removal of ignition sources from immediate area, and collection for disposal of spill by trained, properly protected clean up personnel.

Absorb liquids on absorbent material.
Contain spilled liquids.
Protect personnel from exposure.
Use appropriate personal protective equipment.

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. Store at 4°C.

Section 8. Exposure Controls / Personal Protection

The use of eye protection in the form of safety glasses with side shields and the use of skin protection for hands in the form of gloves are considered minimum and non-discretionary in work places and laboratories. Any recommended personal protection equipment or environmental equipment is to be considered as additional to safety glasses and gloves.

Personal Protection

Eye Protection: Use chemical splash goggles and face shield.

Hand Protection: Use latex or equivalent gloves.

Section 9. Physical and Chemical Properties

Appearance: Clear liquid

Molecular Weight: 168.24

Specific Gravity: 0.964

pH: No data

Vapor Pressure: No data

Vapor Density: No data

Boiling Point: 80°C

Melting Point: No data

Solubility: No data



Section 10. Stability and Reactivity

Chemical Stability: Stable

Conditions to Avoid: No data

Incompatibility with Other Materials: Oxidizers

Hazardous Decomposition Products: Oxides of carbon

Hazardous Polymerization: May occur

Section 11. Toxicological Information

Acute Data

LD50 Oral - Rat: 8,800 mg/kg

LD50 Dermal - Rabbit: 2,400 mg/kg

Subchronic Data: No data

Section 12. Ecological Information

No information available.

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)

NA-Number: 1993

Class: CBL

Packing group: III

Proper shipping name: Combustible liquid, n.o.s. (Mequinol)

Marine pollutant: No

Poison Inhalation Hazard: No

IMDG

Not dangerous goods

IATA

Not dangerous goods



Section 15. Regulatory Information

All components of this product are on the TSCA public inventory.

Prop 65: CAS Number 101-43-9 is not known to the State of California to cause cancer or reproductive toxicity.

State Regulatory Information: If a CAS Number 101-43-9 is not subject to the listed state right-to-know requirements.

SARA Toxic Release Chemicals (as defined in Section 313 of SARA Title III): This list identifies the toxic chemicals, including their de minimis concentrations for which reporting is required under Section 313 of the Emergency Planning and Community Right-to-Know Act (EPCRA). The list is also referred to as the Toxics Release Inventory (TRI) List.

CAS Number: 101-43-9

Regulated Name: Not listed

De Minimis Concentration: Not listed

Rep. Threshold: Not listed

SARA Extremely Hazardous Substances and TPQs: This list includes hazardous chemicals as defined in 29 CFR 1910.1200(c); and extremely hazardous substances regulated under Section 302 of SARA Title III with their TPQs (in pounds), as listed in 40 CFR 355, Appendices A and B.

CAS Number: 101-43-9

Regulated Name: Not listed

TPQ: Not listed

EHS-RQ: Not listed

CERCLA: The hazardous substances, and their reportable quantities (RQs) are listed in the federal regulations at 40 CFR Part 302, Table 302.4. Release of a CERCLA hazardous substance in an amount equal to or greater than its RQ, in any 24-hour period, must be reported to the National Response Center at (800) 424-8802.

CAS Number: 101-43-9

Regulated Name: Not listed

RQ: Not listed

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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