

# Octocrylene

## Material Safety Data Sheet (MSDS)

### 1. Product Identification

**Product Name:** Octocrylene  
**INCI Name:** Octocrylene  
**Chemistry:** Aromatic Ester, Octocrylene (2-Ethylhexyl-2-Cyano-3, 3-Diphenyl-2-Propenoate  
**CAS Number:** 6197-30-4  
**EINECS Number:** 228-250-8

### 2. Physical & Chemical Properties

**Melting Point:** not available  
**Boiling Point:** 200<sup>o</sup> C  
**Non-Volatiles:** not available  
**Viscosity:** not available  
**Specific Gravity:** not available  
**Solubility in water:** insoluble  
**Refractive Index:** not available  
**Appearance & Odor:** Clear, viscous yellow liquid with weak characteristic odor.

### 3. Stability & Reactivity

**Chemical Stability:** Stable under normal conditions of storage and handling.

**Conditions to Avoid:** Not available.

**Incompatible Materials:** Not available.

**Hazardous Decomposition Products:** Nitrogen oxides, (NO, NO<sub>2</sub>, etc.)

**Hazardous Polymerization:** Will not occur.

### 4. Handling & Storage

**Handling precautions:** Avoid breathing vapors, spray or mists. Keep container closed. Use with adequate ventilation.

**Storage Precautions:** Keep in original, sealed containers at room temperature.

**Other Precautions:** none specified

### 5. Accidental Release Measures

**Small Spill and Leak:** Use a tool to scoop up solid or absorbed material and place into appropriate labeled waste container. Finish cleaning by spreading water on the contaminated surface and dispose of according to local and regional regulatory requirements.

**Large Spill and Leak:** Use appropriate tools to put the spilled material into a labeled waste disposal container. Finish cleaning by spreading water on the contaminated surface and dispose of according to local and regional regulatory requirements.

### 6. Exposure Controls & Personal Protection

**Respiratory Protection:** If vapors/aerosols are generated, be sure to use a MSHA/NIOSH approved respirator or equivalent.

**Protective Clothing:** Wear splash goggles, synthetic apron and nitrile gloves.

**Other Protective Measures:** In case of a large spill, wear MSHA/NIOSH approved self contained breathing apparatus or equivalent and full protective gear.

### 7. Hazards Identification

**Eye:** May cause eye irritation. Symptoms include: itching and redness after contact.

**Skin:** May cause mild skin irritation. Symptoms include: itching and redness after contact.

**Inhalation:** May cause respiratory tract irritation. Symptoms include: coughing, wheezing or shortness of breath when inhaled.

**Ingestion:** Not an intended route of exposure. May be harmful if swallowed. Symptoms include: gastrointestinal tract upset and diarrhea.

**Cancer:** This material is not known to cause cancer in animals or humans.

**Target Organs:** Lungs, may cause respiratory tract irritation.

**Developmental:** No data available.

**Pre-existing Medical Conditions:** Repeated or prolonged inhalation of vapors may aggravate respiratory medical conditions.

### 8. First Aid Measures

**Eyes:** Check for and remove any contact lenses. In case of contact, immediately flush eyes with plenty of water for at least 15 minutes. If symptoms persist seek medical attention.

**Skin:** In case of contact, immediately flush skin with plenty of water. Remove contaminated clothing and shoes. Wash clothing before reuse. Clean shoes thoroughly before reuse. If symptoms persist seek medical attention.

**Inhalation:** If inhaled, remove to fresh air. If breathing is difficult, give oxygen. If not breathing, give artificial respiration. Get medical attention.

**Ingestion:** Do not ingest. If this material is swallowed, call a physician immediately. Drink plenty of water; induce vomiting if conscious and as directed by a physician. Loosen tight clothing such as collar, tie, belt or waistband. Never give anything by mouth to an unconscious person.

### 9. Fire Fighting Measures

This product may be combustible at high temperature. This product is slightly flammable in the presence of open flames, sparks and static discharge. Development of hazardous combustion gases or vapors is possible in the event of fire.

**Products of Combustion:** Carbon oxides (CO, CO<sub>2</sub>), nitrogen oxides (NO, NO<sub>2</sub>, etc.)

**Flash Point:** >119<sup>o</sup>C closed cup method

**Extinguishing Media:** Water spray (fog), foam, dry chemical, or CO<sub>2</sub>

**Fire Fighting Procedures:** Emergency responders should wear self-contained breathing apparatus and full protective clothing.

### 10. Toxicological Information

**Acute Oral Toxicity:** (LD<sub>50</sub>): >67000 mg/kg (rat)

### 11. Disposal Consideration

**EPA Waste Number:** Non-hazardous chemical waste.

**Treatment:** Dispose of according to all federal, state, and local regulations.

### 12. Transport Information

**DOT Shipping Name:** not regulated

**ADR/RIC Code:** not regulated

**Sea Transport IMDG Code:** not regulated

**Air Transport IATA:** not regulated

### 13. Regulatory Information

**U.S. Federal Regulations:**

TSCA 8(a) Pair octocrylene (2-ethylhexyl-2-cyano-3, 3-diphenyl-2-propenoate

TSCA 8(b) inventory: Octocrylene (2-ethylhexyl-2-cyano-3, 3-diphenyl-2-propenoate

**WHMIS (Canada):**

Not controlled under WHMIS (Canada).

All components of this product are listed on or compliant with the DSL/NDSL.