

OM-Cinnamate

Material Safety Data Sheet (MSDS)

1. PRODUCT IDENTIFICATION

Product Name: OM-Cinnamate
 INCI Name: octyl-methoxycinnamate
 Synonyms: 2-ethylhexyl-p-methoxycinnamate
 CAS Number: 5466-77-3
 EINECS Number: 226-775-7
 Origin: Aromatic Ester

2. PHYSICAL & CHEMICAL PROPERTIES

Melting Point:	not applicable
Boiling Point:	160°C (320°F)
Vapor Pressure:	not determined
Vapor Density:	not determined
Specific Gravity:	not determined
Density:	1.007 to 1.013 g/cm ³
Solubility in water:	not available
pH Value:	not applicable
Appearance & Odor:	clear pale yellow liquid, no odor

3. STABILITY & REACTIVITY

Chemical Stability: stable
 Incompatibility: not available
 Hazardous Decomposition Products: not available
 Hazardous Polymerisation: will not occur

4. HANDLING & STORAGE

Do not ingest. Avoid breathing vapors, spray or mists. Keep containers closed. Use with adequate ventilation. Wash thoroughly after handling. Store in original sealed containers, protect from light.

5. ACCIDENTAL RELEASE MEASURES

Isolate spill, place into appropriate labeled waste container. Finish cleaning by spreading water on contaminated surfaces and dispose of according to local and regional authority requirements.

6. EXPOSURE CONTROLS & PERSONAL PROTECTION

Respiratory Protection: Where exposure likely exceeds acceptable criteria, use NIOSH/MSHA-approved respiratory equipment.
 Protective Clothing: Gloves recommended to prevent skin contact. Safety glasses, goggles, or face shield recommended for eye protection. Lab coat recommended.
 Other Protective Measures: Employees must practice good personal hygiene, washing exposed areas of skin several times daily and laundering contaminated clothing before re-use.

7. HAZARDS IDENTIFICATION

General: May cause respiratory tract and skin irritation.
 Inhalation: May cause respiratory tract irritation. Symptoms include: coughing, wheezing, or shortness of breath when inhaled.
 Eye Contact: Non-irritating to the eyes.
 Skin Contact: May cause mild irritation. Symptoms include itching and redness after contact.
 Ingestion: Not an intended route of exposure. Effects unknown, treat as toxic if swallowed.

8. FIRST AID MEASURES

Eyes: Irrigate eyes with a heavy stream of water for at least 15 to 20 minutes. If irritation persists get medical attention.
 Skin: Wash exposed areas of the body with soap and water.
 Inhalation: Remove from area of exposure. If breathing is difficult, give oxygen. Seek medical attention if symptoms persist.
 Ingestion: If gastrointestinal symptoms develop, consult medical personnel.

9. FIRE FIGHTING MEASURES

Flash Point: > 193°C (379.4°F), closed-cup
 Unusual Fire Hazard: Development of hazardous combustion gases or vapors possible in the event of fire. Vapors are heavier than air. Forms explosive mixtures with air on intense heating.
 Fire Fighting Procedures: Wear self-contained breathing apparatus and full protective clothing.
 Extinguishing Media: Water spray, foam, dry chemical or CO₂.
 Hazardous Combustion Products: Carbon Oxides (CO, CO₂)

10. TOXICOLOGICAL INFORMATION

Acute Oral Toxicity: (LD₅₀): > 20000 mg/kg (rat).
 Acute Dermal Toxicity: (LD₅₀) > 5000 mg/kg (rat).
 Irritation Tests: May irritate skin and respiratory tract.
 Carcinogenicity: Not known to cause cancer in animals or humans.
 Mutagenicity: no data available

11. DISPOSAL CONSIDERATIONS

Non-hazardous chemical waste. Dispose of according to all federal, state and local regulations.

12. TRANSPORT INFORMATION

General Information: Not regulated
 DOT Shipping Name: Not regulated
 ADR/ R I C Code: Not regulated
 Sea Transport I M D G Code: Not regulated
 Air Transport I A T A: Not regulated

13. DISCLAIMER

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