OM-Cinnamate, USP

Safety Data Sheet according to Federal Register / Vol. 77, No. 58 / March 26, 2012 / Rules and Regulation

Revision Date: 24-Aug-2022
Supersedes: 20-Aug-2020

1 PRODUCT & COMPANY IDENTIFICATION

Product Name: OM-Cinnamate, USP
Synonyms: Ethylhexyl-p-methoxycinnamate, 2-ethylhexyl ester, 2-Propenoic acid
INCI Name: Octyl methoxycinnamate
CAS Number: 5466-77-3
Formula: $C_{18}H_{26}O_3$
Product Form: Liquid
Product Use: Cosmetic use

Distributor: MakingCosmetics.com Inc.
Address: 10800 231st Way NE
Redmond, WA 98053 (USA)

Phone / Fax: 425-292-9502 / 425-292-9601
Web: **www.makingcosmetics.com**

Emergency Telephone Number: 1-800-424-9300 (Chemtrec)

2 HAZARDS IDENTIFICATION

GHS Signal Word: Not available
GHS Hazard Pictograms: Not available
GHS Hazard Statements: Not available
GHS Precautionary Statements: Not available
Potential Health Hazards:
Eyes: May cause irritation, tearing and mild temporary pain.
Inhalation: May cause irritation of the respiratory tract.
Skin: May cause skin irritation
Ingestion: Not an intended route of exposure. May be harmful if swallowed. Symptoms include: gastrointestinal tract upset and diarrhea

NFPA Ratings (704):

Health	1	Slight
Flammability	1	Slight
Reactivity	0	Minimal
Specific Hazard		

3 COMPOSITION/INFORMATION ON INGREDIENTS

Component	CAS No.	Weight %	Molecular Weight
Octyl methoxycinnamate	5466-77-3	99.93%	Not available

4 FIRST AID MEASURES

Eyes: In case of eye contact, wash affected eyes for at least 15 minutes under running water with eyelids held open, seek medical attention if necessary
Inhalation: Move casualty to fresh air and keep at rest. If breathing is difficult, give oxygen. If not breathing, give artificial respiration. Get medical attention if necessary.
Skin: Immediately flush with plenty of soap and water while removing contaminated clothing and wash using soap. Get medical attention if necessary
Ingestion: Do Not Induce Vomiting! Never give anything by mouth to an unconscious person. If conscious, wash out mouth with water and then drink 200-300 ml of water. Get medical attention if necessary.

5 FIRE-FIGHTING MEASURES

Suitable (and unsuitable) extinguishing media: Slightly flammable. Use dry chemical, carbon dioxide, or foam as appropriate for surrounding fire and materials.
Special protective equipment & precautions for firefighters: Wear self-contained, approved breathing apparatus and full protective clothing, including eye protection and boots.
Specific hazards: May emit toxic fumes under fire conditions. See also Stability and Reactivity section.

6 ACCIDENTAL RELEASE MEASURES

Personal precautions:	See section 8 for recommendations on the use of personal protective equipment.
Environmental precautions:	Prevent spillage from entering drains. Any release to the environment may be subject to federal/national or local reporting requirements
Methods and material for containment and cleaning up:	Clean surfaces thoroughly with water to remove residual contamination. Dispose of all waste and cleanup materials in accordance with regulations.

7 HANDLING & STORAGE

Safe handling:	See section 8 for recommendations on the use of personal protective equipment. Use with adequate ventilation. Wash thoroughly after using. Keep container closed when not in use.
Safe storage:	Suitable materials for containers: Stainless steel 1.4301 (V2), Stainless steel 1.4401, tinned carbon steel (Tinplate), High density polyethylene (HDPE), Low density polyethylene (LDPE), glass. Further information on storage conditions: Containers should be stored tightly sealed in a dry place. Keep in a cool place away from heat sources.

8 EXPOSURE CONTROLS / PERSONAL PROTECTION

Component	Exposure Limits	Basis	Entity
Octyl methoxycinnamate	Not available		

TWA: Time Weighted Average over 8 hours of work.
TLV: Threshold Limit Value over 8 hours of work.
REL: Recommended Exposure Limit
PEL: Permissible Exposure Limit

STEL: Short Term Exposure Limit during x minutes.
IDLH: Immediately Dangerous to Life or Health
WEEL: Workplace Environmental Exposure Levels
CEIL: Ceiling

Personal Protection:

Eyes:	Wear chemical safety glasses or goggles with side-shields.
Inhalation:	Wear respiratory protection if ventilation is inadequate. Wear a NIOSH-certified (or equivalent) organic vapor/particulate respirator as needed.
Skin:	Wear nitrile or rubber gloves, apron or lab coat.
Other:	Provide eyewash stations, quick-drench showers and washing facilities accessible to areas of use and handling

9 PHYSICAL AND CHEMICAL PROPERTIES

Appearance, Physical State:	liquid	**Vapor Pressure:**	approx.4 mbar (200 °C)
Odor:	Almost odorless	**Vapor Density:**	Not determined
Color:	colorless to light yellow	**Evaporation Rate:**	Not available
pH Value:	approx.7	**Specific Gravity:**	1.007 g/cm3
Boiling Point:	198-200°C (4 mbar)	**Molecular Weight:**	290.40 g/mol
Freezing Point:	-25°C (-13°F)	**Flash Point:**	222°C
Flammability:	Not readily ignited	**Solubility in water:**	0.041 mg/l (24 °C), soluble in organic solvents
Lowe Explosion limit:	For liquids not relevant for classification and labelling. The lower explosion point may be 5 -15 °C below the flash point.	**Upper explosion limit:**	For liquids not relevant for classification and labelling.
Autoignition:	365 °C	**Density:**	1.008-1.014 g/cm3
Partitioning coefficient n-octanol/water (log Pow):	> 6 (25 °C)	**Self-ignition temperature:**	392 °C, not self-igniting
Thermal decomposition:	No decomposition if stored and handled as prescribed/indicated.	**Evaporation rate:**	Value can be approximated from Henry's Law Constant or vapor pressure.

10 STABILITY AND REACTIVITY

Reactivity:	No reactivity hazards known
Chemical Stability:	Stable at normal conditions
Possibility of Hazardous Reactions:	No dangerous reaction known under conditions of normal use
Conditions to Avoid:	Avoid sources of ignition, avoid electro-static charge.
Incompatible Materials:	None known.
Hazardous Decomposition Products:	Irritating and/or toxic fumes or gases. Emits toxic fumes under fire conditions

11 TOXICOLOGICAL INFORMATION

Acute Toxicity:	Assessment of acute toxicity: Virtually nontoxic after a single ingestion. Virtually nontoxic after a single skin contact. Virtually nontoxic by inhalation
Skin:	LD50 > 5,000 mg/kg (rat) No mortality was observed. Non- irritant
Eyes:	Non-irritant
Respiratory:	Not expected
Ingestion:	LD50 > 5,000 mg/kg (rat)
Subchronic Toxicity:	No data available
Carcinogenicity:	Due to lack of data the classification is not possible.
Teratogenicity:	No suspicion of a tetratogenicity.
Mutagenicity:	No suspicion of a mutagenicity.
Sensitizing:	Based on available data, the classification criteria are not met
Specific Target Organ Toxicity:	Due to lack of data the classification is not possible
Corrosivity:	No corrosive effect on metal.
Reproductive Toxicity:	No data available
Repeated Dose Toxicity:	The information available on the product provides no indication of toxicity on target organs after repeated exposure.

12 ECOLOGICAL INFORMATION

Ecotoxicity:	Assessment of aquatic toxicity: There is a high probability that the product is not acutely harmful to aquatic organisms. No toxic effects occur within the range of solubility. The inhibition of the degradation activity of activated sludge is not anticipated when introduced to biological treatment plants in appropriate low concentrations. There is a high probability that the product is not acutely harmful to aquatic organisms. No toxic effects occur within the range of solubility. The inhibition of the degradation activity of activated sludge is not anticipated when introduced to biological treatment plants in appropriate low concentrations.
Aquatic Vertebrate:	Toxicity to fish: LC50> 100 mg/l Chronic toxicity to fish: Study scientifically not justified.
Aquatic Invertebrate:	Chronic toxicity to aquatic invertebrates: Study scientifically not justified.
Terrestrial:	No data available
Persistence and Degradability:	Biodegradable. > 60 %BOD of the ThOD(28 d) (aerobic, activated sludge, domestic, non-adapted), In contact with water the substance will hydrolyze slowly.
Bioaccumulative Potential:	Significant accumulation in organisms is not to be expected.
Mobility in Soil:	Adsorption to solid soil phase is expected.
PBT and vPvB Assessment:	Not available
Other:	The product has not been tested. The statements on ecotoxicology, environmental fate and pathway have been derived from the properties of the individual components.

13 DISPOSAL CONSIDERATIONS

Waste Residues:	This product, in its present state, when discarded or disposed of, is not a hazardous waste according to Federal regulations (40 CFR 261.4 (b)(4)). Users should review their operations in terms of the applicable local regulations and consult with appropriate regulatory agencies if necessary before disposing of waste product container.
Product Containers:	Users should review their operations in terms of the applicable federal/national or local regulations and consult with appropriate regulatory agencies if necessary before disposing of waste product container.

The information in section 13 is for the product as shipped. Use and/or alterations to the product may significantly change the characteristics of the material and alter the waste classification and proper disposal methods

14 TRANSPORT INFORMATION

DOT (Dept. of Transportation, USA):	Not regulated as a hazardous material by DOT
IATA (International Air Transport Association)	Not regulated as a dangerous good
TDG (Transportation of Dangerous Goods, Canada):	No data available
ICAO (International Civil Aviation Organization):	No data available

15 REGULATORY INFORMATION

TSCA Inventory Status:	All ingredients are listed on the TSCA inventory
EPCRA 311/312 (Hazard categories):	Refer to SDS section 2 for GHS hazard classes applicable for this product.
CERCLA RQ:	5000 lbs: Methanol (Cas: 67-56-1) 1000 lbs: Sodium Hydroxide; sodium methanolate; Potassium hydroxide (CAS: 1310-73-2; 124-41-4; 1310-58-3) 100 lbs: Heptane (CAS 142-82-5) 10 lbs: Nitrogen Dioxide (CAS: 10102-44-0)
New Jersey Right to Know:	Sodium Methanolate (CAS: 124-41-4)
Pennsylvania Right to Know:	Sodium Methanolate (CAS: 124-41-4)
CA Prop. 65	WARNING: This product can expose you to chemicals including METHANOL, which is known to the State of California to cause birth defects or other reproductive harm. For more information, go to www.P65Warnings.ca.gov

16 OTHER INFORMATION

Revision Date:	24-Aug-2022
Compliance:	This document has been prepared in accordance with the SDS requirements of the OSHA Hazard Communication Standard 29 CFR 1910.1200
Disclaimer:	This information relates only to the specific material designated and may not be valid for such material used in combination with any other materials or in any other process. Such information is to be the best of the company's knowledge and believed accurate and reliable as of the date indicated. However, no representation, warranty or guarantee of any kind, express or implied, is made as to its accuracy, reliability or completeness and we assume no responsibility for any loss, damage or expense, direct or consequential, arising out of use. It is the user's responsibility to satisfy himself as to the suitableness & completeness of such information for his own particular use.