

OM-Cinnamate, USP


Safety Data Sheet according to Federal Register / Vol. 77, No. 58 /
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1 PRODUCT & COMPANY IDENTIFICATION

Product Name:	OM-Cinnamate, USP	Distributor:	MakingCosmetics Inc.
Synonyms:	No data available	Address:	10800 231 st Way NE Redmond, WA 98053 (USA)
INCI Name:	Ethylhexyl Methoxycinnamate	Phone / Fax:	425-292-9502 / 425-292-9601
CAS Number:	5466-77-3	Web:	www.makingcosmetics.com
Formula:	No data available	Emergency Telephone Number:	1-800-424-9300 (Chemtrec)
Product Form:	Liquid		
Product Use:	Cosmetic use		

2 HAZARDS IDENTIFICATION

Classification: Aquatic Chronic: 2
Labeling: Hazardous to the aquatic environment - chronic
Hazard Pictograms: 

Hazard Statements: H411: Toxic to aquatic life with long lasting effects.
Precautionary Statements: P273: (Prevention) Avoid release to the environment.
P391: (Response) Collect spillage.
P501: (Disposal) Dispose of contents/container in accordance with local regulations.

Potential Health Hazards: Eyes: Not expected to be an irritant.
Inhalation: May be an irritant.
Skin: Not expected to be an irritant.
Ingestion: May cause nausea, vomiting, and diarrhea.

Hazards not otherwise classified: No specific dangers known, if the regulations/notes for storage and handling are considered.

NFPA Ratings (704):

Health	1	Slight
Flammability	1	Slight
Reactivity	0	Minimal
Specific Hazard	N/A	

3 COMPOSITION/INFORMATION ON INGREDIENTS

<u>Component</u>	<u>CAS No.</u>	<u>Weight %</u>	<u>Molecular Weight</u>
Ethylhexyl Methoxycinnamate	5466-77-3	≥75 - ≤100%	Not Available
Sodium methanolate	124-41-4	>0.0 - <3.0%	Not Available
Sodium hydroxide	1310-73-2	>0.0 - <0.3%	Not Available

4 FIRST AID MEASURES

Eyes: Wash affected eyes for at least 15 minutes under running water with eyelids held open. Seek medical attention.

Inhalation: If difficulties occur after vapor/aerosol has been inhaled, remove to fresh air and seek medical attention.

Skin: Wash affected areas thoroughly with soap and water. If irritation develops, seek medical attention.

Ingestion: Do Not Induce Vomiting! Never give anything by mouth to an unconscious person. Rinse mouth and then drink 200-300 ml of water. If symptoms persist, seek medical advice.

Physician Notes: No hazard is expected under intended use and appropriate handling. Symptomatic treatment (decontamination, vital functions).

5 FIRE-FIGHTING MEASURES

Suitable (and unsuitable) extinguishing media:	Use appropriate media (water spray, dry powder, carbon dioxide, foam) for adjacent fire. Do not use direct water jet.
Special protective equipment & precautions for firefighters:	Wear self-contained, approved breathing apparatus and full protective clothing, including eye protection and boots. Dispose of fire debris and contaminated extinguishing water in accordance with official regulations.
Flash Points:	431°F (222 °C)
Specific hazards arising from the chemical:	The substances/groups of substances mentioned can be released in case of fire; harmful vapors, generation of fumes/fog. See also Stability and Reactivity section.

6 ACCIDENTAL RELEASE MEASURES

Personal precautions, protective equipment & emergency procedures:	No special precautions necessary. Wear appropriate respiratory protection. Use personal protective clothing. Ensure adequate ventilation. Do not try to clean up the leaks without proper protective equipment. See section 8 for recommendations on the use of personal protective equipment.
Environmental precautions:	This product is not regulated by RCRA. This product is not regulated by CERCLA ('Superfund'). Avoid liquid release into sewers/public water. Notify environmental authorities in case of large leaks.
Methods and material for containment and cleaning up:	For large amounts: Dike spillage. Pump off product. For residues: Pick up with suitable absorbent material. Dispose of absorbed material in accordance with regulations. Spills should be contained, solidified, and placed in suitable containers for disposal.

7 HANDLING & STORAGE

Precautions for safe handling:	Ensure thorough ventilation of stores and work areas. Sealed containers should be protected against heat as this results in pressure build-up. Protection against fire and explosion: Prevent electrostatic charge - sources of ignition should be kept well clear - fire extinguishers should be kept handy. If exposed to fire, keep containers cool by spraying with water.
Conditions for safe storage, incl. any incompatibilities:	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. Containers should be stored tightly sealed in a dry place. Keep in a cool, well-ventilated place, away from heat sources. Storage temperature should be 59-77°F (15-25 °C).

8 EXPOSURE CONTROLS / PERSONAL PROTECTION

<u>Component</u>	<u>Exposure Limits</u>	<u>Basis</u>	<u>Entity</u>
OM-Cinnamate, USP	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 safety glasses with side-shields.
Inhalation:	Wear respiratory protection if ventilation is inadequate. Wear a NIOSH-certified (or equivalent) organic vapor/particulate respirator as needed.
Body:	Wear chemical resistant protective gloves, (e.g. rubber, plastic). Body protection must be chosen depending on activity and possible exposure, e.g. head protection, apron, protective boots, chemical-protection suit.
Other:	No special measures necessary if stored and handled correctly. Wear protective clothing as necessary to prevent contact. Avoid inhalation of vapors/mists. Handle in accordance with good industrial hygiene and safety practice. No eating, drinking, smoking or tobacco use at the place of work. Handle in accordance with good industrial hygiene and safety practice.

9 PHYSICAL AND CHEMICAL PROPERTIES

Appearance:	Liquid	Vapor Pressure at 200°C:	approx.4 mbar
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Odor:	Almost odorless	Vapor Density:	Not determined
Solidification:	77°F (< -25°C)	Evaporation Rate:	Value can be approximated from Henry's Law Constant or vapor pressure
Color:	Slightly yellow	Flammability:	Not readily ignited
Molecular Weight:	No data available	Upper Explosive Limit:	For liquids not relevant for classification and labelling
pH:	approx.7	Lower Explosive Limit:	May be 41-59°F (5-15°C) below flash point
Boiling Range:	198 - 200°C (4 mbar)	Flash Point:	431°F (222°C)
Melting/Freezing Point:	No data available	Specific Gravity:	No data available
Density at 20°C:	1.008 -1.014 g/cm3	Water Solubility at 24°C:	(0.041 mg/l)
Partition Coefficient: n-octanol/water at 25°C):	> 6	Organic Solvent Solubility:	Soluble
Viscosity:	Not determined	Auto-Ignition Temperature:	689°F (365°C)
Oxidizing Properties:	Not fire-propagating	Decomposition Temperature:	None if stored and handled as directed
Flammability of Aerosol:	Product doesn't form flammable aerosols	Explosive Properties:	No data available
Corrosion to Metals:	No corrosive effect on metals		

10 STABILITY AND REACTIVITY

Reactivity:	No hazardous reactions if stored and handled as prescribed/indicated.
Chemical Stability:	The product is stable if stored and handled as prescribed/indicated.
Hazardous Polymerization:	No data available.
Conditions to Avoid:	Avoid sources of ignition and electro-static charge.
Incompatible Materials:	None known during use and storage if used according to instructions.
Hazardous Decomposition Products:	No hazardous decomposition products known.
Thermal Decomposition:	No decomposition if stored and handled as prescribed/indicated.

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.
Primary Routes of Exposure:	Routes of entry for solids and liquids are ingestion and inhalation, but may include eye or skin contact. Routes of entry for gases include inhalation and eye contact. Skin contact may be a route of entry for liquefied gases.
Skin:	(Rat, Dermal) LD50: > 126.3 mg/kg (other). No mortality was observed. (Rabbit) Non-irritant result.
Eyes:	(Rabbit) Nonirritant result.
Respiratory:	No data available.
Ingestion:	(Rat, Oral) LD50: > 5,000 mg/kg.
Carcinogenicity:	No data available concerning carcinogenic effects. Study does not need to be conducted.
Teratogenicity:	Based on the ingredients, there is no suspicion of a teratogenic effect.
Germ Cell Mutagenicity:	Based on the ingredients, there is no suspicion of a mutagenic effect.
Embryotoxicity:	No data available.
Specific Target Organ Toxicity:	Based on available data, the classification criteria are not met for STOT single. The information available on the product provides no indication of toxicity on target organs after repeated exposure.
Reproductive Toxicity:	Based on the ingredients, there is no suspicion of a toxic effect on reproduction.
Respiratory/Skin Sensitization:	No data available.
Irritation/Corrosion:	Not irritating to the skin. Not irritating to the eyes.
Sensitization:	There is no evidence of a skin-sensitizing potential.
Aspiration Hazard:	No aspiration hazard expected.
Additional Information:	The product has not been tested. The statements on toxicology have been derived from the properties of the individual components.

12 ECOLOGICAL INFORMATION

Ecotoxicity	Assessment of aquatic toxicity: The inhibition of the degradation activity of activated sludge is not anticipated when introduced to biological treatment plants in appropriate low concentrations. Toxic to aquatic life with long lasting effects.
Aquatic Vertebrate:	(Fish) LC50 > 100 mg/l. Chronic toxicity in fish: No observed effect concentration > 0.01 - 0.1 mg/l.
Aquatic Invertebrate:	(Daphnia magna) No observed effect concentration (21 days) ≥ 0.0595 mg/l (OECD Guideline 211, semi-static) The details of the toxic effect relate to the nominal concentration. No toxic effects occur within the range of solubility. Limit concentration test only (LIMIT test).
Terrestrial: Microorganisms:	No data available concerning terrestrial toxicity. EC0: > 100 mg/l.
Persistence and Degradability:	Biodegradable. > 60% BOD of the ThOD (28 days) (aerobic, activated sludge, domestic, non-adapted).
Bioaccumulative Potential:	Significant accumulation in organisms is not to be expected.
Stability in Water:	In contact with water the substance will hydrolyze slowly.
Mobility in Soil:	The substance will not evaporate into the atmosphere from the water surface. Adsorption to solid soil phase is expected.
PBT and vPvB Assessment:	No data available.
Additional Information:	The product has not been tested. The statements on environmental fate and pathway have been derived from the properties of the individual components.

13 DISPOSAL CONSIDERATIONS

Waste Residues:	Dispose of in accordance with national, state and local regulations. It is the waste generator's responsibility to determine if a particular waste is hazardous under RCRA.
Product Containers:	Dispose of in a licensed facility. Recommend crushing, puncturing or other means to prevent unauthorized use of used containers. Uncontaminated packaging can be re-used. Packs that cannot be cleaned should be disposed of in the same manner as the contents.

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

14 TRANSPORT INFORMATION

DOT (Dept. of Transportation, USA):	Proper Shipping Name: ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S. (contains 2-ETHYLHEXYL 4-METHOXYCINNAMATE) Hazard Class: 9 Packing Group: III ID Number: UN 3082 Hazard Label: 9, EHSM
TDG (Transportation of Dangerous Goods, Canada):	No data available.
IMDG (International Maritime Dangerous Goods):	Proper Shipping Name: ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S. (contains 2-ETHYLHEXYL 4-METHOXYCINNAMATE) Hazard Class: 9 Packing Group: III ID Number: UN 3082 Hazard Label: 9, EHSM Marine Pollutant: Yes
IATA (International Air Transport Association):	Proper Shipping Name: ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S. (contains 2-ETHYLHEXYL 4-METHOXYCINNAMATE) Hazard Class: 9 Packing Group: III ID Number: UN 3082 Hazard Label: 9, EHSM
ICAO (International Civil Aviation Organization):	Proper Shipping Name: ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S. (contains 2-ETHYLHEXYL 4-METHOXYCINNAMATE) Hazard Class: 9 Packing Group: III

ID Number: UN 3082
Hazard Label: 9, EHSM

15 REGULATORY INFORMATION

TSCA Inventory Status: Cosmetic: Released / exempt.
EPCRA 311/312: Refer to SDS section 2 for GHS hazard classes applicable for this product.
CA Prop. 65: 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: 04-Feb-2025
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 suitability & completeness of such information for his own particular use.