

## OM-Cinnamate, USP

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

Revision Date: 13-Feb-2024  
Supersedes: 20-Aug-2020

### 1 PRODUCT & COMPANY IDENTIFICATION

|                      |                        |                                    |  |
|----------------------|------------------------|------------------------------------|--|
| <b>Product Name:</b> | OM-Cinnamate, USP      | <b>Distributor:</b>                | MakingCosmetics Inc.   |
| <b>Synonyms:</b>     | Esters                 | <b>Address:</b>                    | 10800 231 <sup>st</sup> Way NE<br>Redmond, WA 98053 (USA)            |
| <b>INCI Name:</b>    | Octyl methoxycinnamate | <b>Phone / Fax:</b>                | 425-292-9502 / 425-292-9601  |
| <b>CAS Number:</b>   | 5466-77-3              | <b>Web:</b>                        | <a href="http://www.makingcosmetics.com">www.makingcosmetics.com</a> |
| <b>Formula:</b>      | No data available      | <b>Emergency Telephone Number:</b> | 1-800-424-9300 (Chemtrec)  |
| <b>Product Form:</b> | Liquid                 |                                    |  |
| <b>Product Use:</b>  | Cosmetic use           |                                    |  |

### 2 HAZARDS IDENTIFICATION

|                                      |  |         |   |        |              |   |        |            |   |         |                 |     |  |
|--------------------------------------|--|---------|---|--------|--------------|---|--------|------------|---|---------|-----------------|-----|--|
| <b>GHS Classification:</b>           | Not classified   |         |   |        |              |   |        |            |   |         |                 |     |  |
| <b>GHS Labeling:</b>                 | Not a dangerous substance according to GHS   |         |   |        |              |   |        |            |   |         |                 |     |  |
| <b>GHS Hazard Pictograms:</b>        | None   |         |   |        |              |   |        |            |   |         |                 |     |  |
| <b>GHS Hazard Statements:</b>        | None   |         |   |        |              |   |        |            |   |         |                 |     |  |
| <b>GHS Precautionary Statements:</b> | None   |         |   |        |              |   |        |            |   |         |                 |     |  |
| <b>Potential Health Hazards:</b>     | Eyes: No known hazards.<br>Inhalation: No known hazards.<br>Skin: No known hazards.<br>Ingestion: No known hazards but may cause gastrointestinal irritation, nausea, vomiting and diarrhea.   |         |   |        |              |   |        |            |   |         |                 |     |  |
| <b>NFPA Ratings (704):</b>           | <table border="0"> <tr> <td style="background-color: #0070C0; color: white;">Health</td> <td style="text-align: center;">1</td> <td>Slight</td> </tr> <tr> <td style="background-color: #FF0000; color: white;">Flammability</td> <td style="text-align: center;">1</td> <td>Slight</td> </tr> <tr> <td style="background-color: #FFFF00; color: black;">Reactivity</td> <td style="text-align: center;">0</td> <td>Minimal</td> </tr> <tr> <td>Specific Hazard</td> <td style="text-align: center;">N/A</td> <td></td> </tr> </table> | Health  | 1 | Slight | Flammability | 1 | Slight | Reactivity | 0 | Minimal | Specific Hazard | N/A |  |
| 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> |
|------------------------|----------------|-----------------|-------------------------|
| Octyl methoxycinnamate | 5466-77-3      | 99%             | Not Available           |

### 4 FIRST AID MEASURES

|                    |   |
|--------------------|---|
| <b>Eyes:</b>       | Immediately flush eyes with running water for at least 15 minutes, keeping eyelids open. Seek medical attention if necessary.                                       |
| <b>Inhalation:</b> | Remove from exposure area to fresh air promptly. Seek medical attention after if necessary.   |
| <b>Skin:</b>       | After contact with skin, wash immediately with plenty of soap and water. Seek medical attention if necessary.   |
| <b>Ingestion:</b>  | Rinse mouth and then drink 200-300 ml of water. Do Not Induce Vomiting! Never give anything by mouth to an unconscious person. Seek medical attention if necessary. |

### 5 FIRE-FIGHTING MEASURES

|   |  |
|---|--|
| <b>Suitable (and unsuitable) extinguishing media:</b>                   | Use appropriate media (water spray, dry powder, carbon dioxide, foam) for adjacent fire. Do not use direct water jet.                      |
| <b>Special protective equipment &amp; precautions for firefighters:</b> | Wear self-contained, approved breathing apparatus and full protective clothing, including eye protection and boots.                        |
| <b>Flash Points:</b>  | 222 °C   |
| <b>Specific hazards arising from the chemical:</b>                      | Harmful vapors may be released during any fire. Always wear self-contained breathing apparatus. See also Stability and Reactivity section. |

## 6 ACCIDENTAL RELEASE MEASURES

|   |   |
|---|---|
| <b>Personal precautions, protective equipment &amp; emergency procedures:</b> | Prevent electrostatic charges. Sources of ignition should be kept well clear to avoid any potential fires or explosions. Fire extinguishers should be kept handy. If exposed to fire, keep containers cool by spraying with water. Do not try to clean up the leaks without proper protective equipment. See section 8 for recommendations on the use of personal protective equipment. |
| <b>Environmental precautions:</b>   | 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.   |
| <b>Methods and material for containment and cleaning up:</b>                  | 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. Dispose of all waste and cleanup materials in accordance with regulations  |

## 7 HANDLING & STORAGE

|  |   |
|--|---|
| <b>Precautions for safe handling:</b>                            | Ensure thorough ventilation of stores and work areas. Sealed containers should be protected against heat as this results in pressure build-up. Keep away from electrostatic charge & any sources of ignition. Fire extinguishers should be kept handy. If exposed to fire, keep containers cool by spraying with water. See section 8 for recommendations on the use of personal protective equipment.  |
| <b>Conditions for safe storage, incl. any incompatibilities:</b> | Keep container in a cool, dry, well-ventilated area away from heat sources. Keep container tightly closed and sealed until ready for use. Avoid all possible sources of ignition (spark or flame). Suitable materials for containers include; Stainless steel 1.4301 (V2), Stainless steel 1.4401, tinned carbon steel (Tinplate), High density polyethylene (HDPE), Low density polyethylene (LDPE), glass. Product has a storage shelf life of 36 months. See section 10 for incompatibilities. |

## 8 EXPOSURE CONTROLS / PERSONAL PROTECTION

| <u>Component</u>       | <u>Exposure Limits</u> | <u>Basis</u> | <u>Entity</u> |
|------------------------|------------------------|--------------|---------------|
| 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:

|                    |  |
|--------------------|--|
| <b>Eyes:</b>       | Safety glasses with side shields should be worn.   |
| <b>Inhalation:</b> | Provide adequate ventilation. Wear respiratory protection if ventilation is inadequate. Wear a NIOSH-certified (or equivalent) organic vapor/particulate respirator as needed  |
| <b>Body:</b>       | Protective gloves made of rubber or neoprene. Suitable protective clothing should be worn.   |
| <b>Other:</b>      | Use good personal hygiene practices. Provide eyewash stations, quick-drench showers and washing facilities accessible to areas of use and handling. 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. |

## 9 PHYSICAL AND CHEMICAL PROPERTIES

|                          |                 |                                     |   |
|--------------------------|-----------------|-------------------------------------|---|
| <b>Appearance:</b>       | Liquid          | <b>Vapor Pressure:</b>              | Approx. 4 mbar( 200 °C)   |
| <b>Odor:</b>             | Almost odorless | <b>Vapor Density:</b>               | Not determined  |
| <b>Solidification:</b>   | < -25 °C        | <b>Evaporation Rate:</b>            | Value can be approximated from Henry's Law Constant or vapor pressure |
| <b>Color:</b>            | Slightly yellow | <b>Flammability:</b>                | Not readily ignited   |
| <b>Molecular Weight:</b> | 290 g/mol       | <b>Upper/Lower Explosive Limit:</b> | Upper: For liquids not relevant for classification & labelling.       |

|  |   |                                   |   |
|--|---|-----------------------------------|---|
| <b>pH:</b>                                     | Approx. 7                               | <b>Flash Point:</b>               | Lower: For liquids not relevant for classification & labelling. May be 5 -15 °C below the flash point<br>222 °C |
| <b>Boiling Range:</b>                          | 198 -200 °C (4 mbar)                    | <b>Specific Gravity:</b>          | 1.005 - 1.013   |
| <b>Melting Point:</b>                          | No data available                       | <b>Solubility in water:</b>       | 0.041 mg/l (24 °C)  |
| <b>Density:</b>                                | 1.008 -1.014 g/cm <sup>3</sup> ( 20 °C) | <b>Auto-Ignition Temperature:</b> | 365 °C  |
| <b>Partition Coefficient: n-octanol/water:</b> | > 6                                     | <b>Decomposition Temperature:</b> | No decomposition if stored and handled as indicated.  |
| <b>Viscosity:</b>                              | No data available                       | <b>Explosive Properties:</b>      | No data available   |
| <b>Oxidizing Properties:</b>                   | No data available                       | <b>Freezing Point:</b>            | No data available   |

## 10 STABILITY AND REACTIVITY

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

## 11 TOXICOLOGICAL INFORMATION

|  |   |
|--|---|
| <b>Acute Toxicity:</b>                 | Not toxic.  |
| <b>Skin:</b>                           | Species (rabbit) Result: non-irritant. Virtually nontoxic after a single skin contact.                                |
| <b>Eyes:</b>                           | Species (rabbit): Result: non-irritant.   |
| <b>Respiratory:</b>                    | Species (rabbit): Result: non-irritant.   |
| <b>Ingestion:</b>                      | Type of value: LD50 Species (rat) Value: > 5,000 mg/kg  |
| <b>Carcinogenicity:</b>                | No data available   |
| <b>Teratogenicity:</b>                 | Based on the ingredients, there is no suspicion of a teratogenic effect.  |
| <b>Germ Cell Mutagenicity:</b>         | Based on the ingredients, there is no suspicion of a mutagenic effect.  |
| <b>Embryotoxicity:</b>                 | No data available   |
| <b>Specific Target Organ Toxicity:</b> | No data available   |
| <b>Reproductive Toxicity:</b>          | Based on the ingredients, there is no suspicion of a toxic effect on reproduction                                     |
| <b>Respiratory/Skin Sensitization:</b> | No data available   |
| <b>Corrosivity:</b>                    | Not irritating to the skin.   |
| <b>Sensitization:</b>                  | There is no evidence of a skin-sensitizing potential.   |
| <b>Irritation:</b>                     | Not an irritant.  |
| <b>Repeated Dose Toxicity:</b>         | The information available on the product provides no indication of toxicity on target organs after repeated exposure. |
| <b>Aspiration Hazard:</b>              | No aspiration hazard expected.  |

## 12 ECOLOGICAL INFORMATION

|                                       |   |
|---------------------------------------|---|
| <b>Ecotoxicity</b>                    |   |
| <b>Aquatic Vertebrate:</b>            | Fish Toxicity: LC50> 100 mg/l   |
| <b>Aquatic Invertebrate:</b>          | Toxicity: Study scientifically not justified.   |
| <b>Terrestrial:</b>                   | Toxicity: Study scientifically not justified.   |
| <b>Microorganisms:</b>                | Toxicity: EC0: > 100 mg/l   |
| <b>Persistence and Degradability:</b> | Biodegradable   |
| <b>Elimination Information:</b>       | > 60 %BOD of the ThOD (28 d) (aerobic, activated sludge, domestic, non-adapted)   |
| <b>Bioaccumulative Potential:</b>     | Significant accumulation in organisms is not to be expected   |
| <b>Stability in Water:</b>            | In contact with water the substance will hydrolyze slowly   |
| <b>Mobility in Soil:</b>              | The substance will not evaporate into the atmosphere from the water surface. Adsorption to solid soil phase is expected |
| <b>PBT and vPvB Assessment:</b>       | No data available   |

**Additional Ecotoxicological Advice:** The product has not been tested. The statements on ecotoxicology 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. 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 change the characteristics of the material and alter the waste classification and proper disposal methods

## 14 TRANSPORT INFORMATION

|  |                                    |
|--|------------------------------------|
| <b>DOT (Dept. of Transportation, USA):</b>               | Not classified as dangerous goods. |
| <b>TDG (Transportation of Dangerous Goods, Canada):</b>  | No data available                  |
| <b>IMDG (International Maritime Dangerous Goods):</b>    | Not classified as dangerous goods. |
| <b>IATA (International Air Transport Association):</b>   | Not classified as dangerous goods. |
| <b>ICAO (International Civil Aviation Organization):</b> | Not classified as dangerous goods. |

## 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](http://www.P65Warnings.ca.gov)

## 16 OTHER INFORMATION

**Revision Date:** 13-Feb-2024

**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.