

## Caprylic Acid Combo

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

Revision Date: 09/09/2020  
Supersedes: 08/20/2015


### 1 PRODUCT & COMPANY IDENTIFICATION

<b>Product Name:</b>	Caprylic Acid Combo	<b>Distributor:</b>	MakingCosmetics.com Inc.
<b>Synonyms:</b>	Caprylic acid, Lauric acid, Potassium sorbate, Propanediol	<b>Address:</b>	10800 231 <sup>st</sup> Way NE
<b>INCI Name:</b>	Caprylic Acid, Lauric Acid, 1,3 Propanediol, Potassium Sorbate		Redmond, WA 98053 (USA)
<b>CAS Number:</b>	124-07-2, 504-63-2, 143-07-7, 590-00-1	<b>Phone / Fax:</b>	425-292-9502 / 425-292-9601
<b>Formula:</b>	No data available	<b>Web:</b>	www.makingcosmetics.com
<b>Product Form:</b>	Liquid		
<b>Product Use:</b>	Cosmetic use	<b>Emergency Telephone Number:</b>	1-800-424-9300 (Chemtrec)

### 2 HAZARDS IDENTIFICATION

**GHS Signal Word:** DANGER

**GHS Classification:** Eye irritation: Category 1

**GHS Hazard Pictograms:** 

**GHS Hazard Statements:** H302: Harmful if swallowed.  
H312: Harmful if contact with skin.  
H315: Causes skin irritation.  
H318: Causes serious eye damage.  
H319: Causes serious eye irritation.  
H332: Harmful if inhaled.

**GHS Precautionary Statements:** H412: Harmful to aquatic life with long lasting effects.  
P264: Wash hands and face thoroughly after handling.  
P273: Avoid release to the environment.  
P280: Wear protective gloves and eye and face protection.  
P305 + P351 + P338: IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.  
P310: Immediately call a POISON CENTER or doctor/physician.  
P337 + P313: If eye irritation persists get medical advice/attention.  
P501: Dispose of contents/container to an approved waste disposal plant.

**Potential Health Hazards:** Eyes: May be irritant.  
Inhalation: Not expected to be irritant.  
Skin: May be irritant.  
Ingestion: May be irritant.

**NFPA Ratings (704):**

Health	n/a	n/a
Flammability	n/a	n/a
Reactivity	n/a	n/a
Specific Hazard	n/a	

### 3 COMPOSITION/INFORMATION ON INGREDIENTS

Component	CAS No.	Weight %	Molecular Weight
Caprylic Acid	124-07-2	No data available	No data available
Lauric Acid	143-07-7	No data available	No data available
1,3 Propanediol	504-63-2	No data available	No data available
Potassium Sorbate	590-00-1	No data available	No data available

### 4 FIRST AID MEASURES

**Eyes:** Thoroughly flush the eyes with large amounts of clean low-pressure water for at least 15 minutes, occasionally

**Inhalation:** lifting the upper and lower eyelids. If irritation persists, seek medical attention. Remove person to fresh air. If signs/symptoms continue, get medical attention. Give oxygen or artificial respiration as needed.

**Skin:** Immediately flush affected area with plenty of water while removing contaminated clothing. Wash contaminated clothing before reuse. Contact a doctor. If irritation persists, get medical attention.

**Ingestion:** Do Not Induce Vomiting! Never give anything by mouth to an unconscious person. If vomiting does occur, have victim lean forward to prevent aspiration. Rinse mouth with water. Seek medical attention.

## 5 FIRE-FIGHTING MEASURES

**Suitable (and unsuitable) extinguishing media:** May be combustible at high temperature. Use appropriate media (foam, carbon dioxide, dry chemical) for adjacent fire. Do not use water.

**Special protective equipment & precautions for firefighters:** Wear self-contained, approved breathing apparatus and full protective clothing, including eye protection and boots.

**Flash Points:** No data available

**Specific hazards arising from the chemical:** May emit toxic fumes under fire conditions. Exposure to decomposition products may be a hazard to health. See also Stability and Reactivity section.

## 6 ACCIDENTAL RELEASE MEASURES

**Personal precautions, protective equipment & emergency procedures:** Do not inhale vapors, mist, or gas. Ensure adequate ventilation. Remove all sources of ignition. Evacuate personnel to safe areas. Beware of vapors accumulating to form explosive concentrations. Vapors can accumulate in low areas. Do not try to clean up the leak without proper protective equipment. See section 8 for recommendations on the use of personal protective equipment.

**Environmental precautions:** Avoid liquid release into sewers/public water. Notify environmental authorities in case of large leaks.

**Methods and material for containment and cleaning up:** Flammable liquid. Eliminate all sources of ignition. All equipment used when handling this product must be grounded. Do not touch or walk through spilled material. Contain spillage, and then collect with non-combustible absorbent material (e.g. sand, earth, diatomaceous earth, vermiculite) and place in container for disposal according to local/national regulations. Use clean, non-sparking tools to collect absorbed material. Dispose of all waste and cleanup materials in accordance with regulations.

## 7 HANDLING & STORAGE

**Precautions for safe handling:** Do not get on skin or in eyes. Do not inhale vapor or mist. Keep away from sources of ignition - no smoking. Take measures to prevent the buildup of electrostatic charge. Open and handle container with care. Metal containers involved in the transfer of this material should be grounded and bonded. See section 8 for recommendations on the use of personal protective equipment. Keep container closed when not in use.

**Conditions for safe storage, incl. any incompatibilities:** Store in cool, dry well-ventilated area. Store in dark containers, out of direct light (temperature: >60°F to <100°F). Keep away from heat and incompatible materials (see section 10 for incompatibilities).

## 8 EXPOSURE CONTROLS / PERSONAL PROTECTION

<u>Component</u>	<u>Exposure Limits</u>	<u>Basis</u>	<u>Entity</u>
Caprylic Acid Combo	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:** Use chemical safety goggles and/or a full-face shield where splashing is possible. Use equipment approved by appropriate government standards, such as NIOSH (US) or EN166 (EU).

**Inhalation:** General room or local exhaust ventilation is usually required to meet exposure limit(s). Where risk assessment shows air-purifying respirators are appropriate use a full-face respirator with multi-purpose combinations (US) or type ABEK (EN 14387) respirator cartridges as a backup to engineering controls. If the respirator is the sole means of protection, use a full-face supplied air respirator. Use respirators and components tested and approved under appropriate government standards such as NIOSH (US) or CEN (EU).

- Body:** Choose body protection according to the amount and concentration of the dangerous substance at the workplace. Handle with gloves. Gloves must be inspected prior to use. Use proper glove removal technique (without touching glove's outer surface) to avoid skin contact with this product. Dispose of contaminated gloves after use in accordance with applicable laws and good laboratory practices. Wash and dry hands.
- Other:** Use good personal hygiene practices. Wash hands before breaks and at the end of the workday. Electrical equipment should be grounded and conform to applicable electrical code. Provide eyewash stations, quick-drench showers and washing facilities accessible to areas of use and handling.

## 9 PHYSICAL AND CHEMICAL PROPERTIES

<b>Appearance:</b>	Clear to slight amber liquid	<b>Vapor Pressure:</b>	No data available
<b>Odor:</b>	Mild fatty acid	<b>Vapor Density:</b>	No data available
<b>Odor Threshold:</b>	No data available	<b>Evaporation Rate:</b>	No data available
<b>Color:</b>	Clear to slight amber	<b>Flammability:</b>	No data available
<b>Molecular Weight:</b>	No data available	<b>Upper/lower Explosive Limit:</b>	No data available
<b>pH:</b>	No data available	<b>Flash Point:</b>	No data available
<b>Boiling Point:</b>	No data available	<b>Specific Gravity:</b>	0.95-1.05
<b>Melting Point:</b>	No data available	<b>Solubility in Water:</b>	No data available
<b>Relative Density:</b>	No data available	<b>Auto-Ignition Temperature:</b>	No data available
<b>Partition Coefficient: n-octanol/water:</b>	No data available	<b>Decomposition Temperature:</b>	No data available
<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 data available
<b>Chemical Stability:</b>	Stable under normal temperatures and pressures.
<b>Hazardous Polymerization:</b>	No data available
<b>Conditions to Avoid:</b>	No data available
<b>Incompatible Materials:</b>	No data available
<b>Hazardous Decomposition Products:</b>	No data available

## 11 TOXICOLOGICAL INFORMATION

<b>Acute Toxicity:</b>	No data available
<b>Skin:</b>	Caprylic Acid: LD50: 10.08 g/kg Acute skin exposure may cause irritation ranging from mild to severe, possibly with burns, depending on the concentration and the duration of contact. May also be absorbed through the skin. 1,3 Propanediol: LD50: >20,000 mg/kg
<b>Eyes:</b>	No data available
<b>Respiratory:</b>	No data available
<b>Ingestion:</b>	Caprylic Acid: LD50: >5000 mg/kg 1,3 Propanediol: LC50: 15,000 mg/kg Lauric Acid: LD50: >10,000 mg/kg
<b>Carcinogenicity:</b>	Not classified as a human carcinogen by IARC, ACGIH, NTP, or OSHA.
<b>Teratogenicity:</b>	No data available
<b>Germ Cell Mutagenicity:</b>	No data available
<b>Embryotoxicity:</b>	No data available
<b>Specific Target Organ Toxicity:</b>	No data available
<b>Reproductive Toxicity:</b>	No data available
<b>Respiratory/Skin Sensitization:</b>	No data available
<b>Corrosivity:</b>	No data available
<b>Sensitization:</b>	Caprylic Acid: Did not occur in volunteers tested with a 1% concentration in petrolatum.
<b>Irritation:</b>	Caprylic Acid: Moderate skin irritation
<b>Repeated Dose Toxicity:</b>	No data available

## 12 ECOLOGICAL INFORMATION

## Ecotoxicity

<b>Aquatic Vertebrate:</b>	No data available
<b>Aquatic Invertebrate:</b>	No data available
<b>Terrestrial:</b>	No data available
<b>Persistence and Degradability:</b>	No data available
<b>Bioaccumulative Potential:</b>	Biodegradable
<b>Mobility in Soil:</b>	No data available
<b>PBT and vPvB Assessment:</b>	No data available
<b>Other Adverse Effects:</b>	No data available

## 13 DISPOSAL CONSIDERATIONS

<b>Waste Residues:</b>	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.
<b>Product Containers:</b>	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>	UN3265 Corrosive Liquid, Acidic, Organic, N.O.S. (Fatty Acids) Class 8; Packing Group III
<b>TDG (Transportation of Dangerous Goods, Canada):</b>	UN3265 Corrosive Liquid, Acidic, Organic, N.O.S. (Fatty Acids) Class 8; Packing Group III
<b>IMDG (International Maritime Dangerous Goods):</b>	No data available
<b>IATA (International Air Transport Association):</b>	UN3265 Corrosive Liquid, Acidic, Organic, N.O.S. (Fatty Acids) Class 8; Packing Group III
<b>ICAO (International Civil Aviation Organization):</b>	UN3265 Corrosive Liquid, Acidic, Organic, N.O.S. (Fatty Acids) Class 8; Packing Group III

## 15 REGULATORY INFORMATION

<b>TSCA Inventory Status:</b>	This material is listed in the TSCA inventory.
<b>DSCL (EEC):</b>	Listed
<b>WHMIS (Canada):</b>	No data available
<b>EU EINECS/ELINCS/NLP:</b>	No data available
<b>China IECSC:</b>	Listed
<b>China IECIC (06.30.2014):</b>	Listed
<b>Australia AICS:</b>	Listed
<b>Japan:</b>	Listed
<b>Korea ECL:</b>	Listed
<b>ASIA-PAC:</b>	Listed
<b>California Prop. 65:</b>	This product does not contain any components regulated under California Proposition 65.

## 16 OTHER INFORMATION

<b>Revision Date:</b>	09/09/2020
<b>Compliance:</b>	This document has been prepared in accordance with the SDS requirements of the OSHA Hazard Communication Standard 29 CFR 1910.1200
<b>Disclaimer:</b>	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.