



## Material Safety Data Sheet

According to EU Regulation 1907/2006 in the current version

Date 10.08.2015

Version 2.0

### COCO-SILICONE

#### 1. Identification of the substance/preparation and the company

Trade name: Coco-silicone  
 Identification: Coco alkyl esters of vegetable origin  
 Utilization: Raw material for cosmetic products  
 Supplier company: **Elemental SRL**, Piata Cazarmii no.15, 410188-Oradea, jud.Bihor, Romania  
 identification: Tel/Fax: +40259-436.755, office@elemental.eu  
 Emergency: RO: Biroul pentru Regulamentul Sanitar Internațional și Informare Toxicologică -  
 Telefon de urgență 021 318 3606

#### 2. Hazards Identification

Classification according to Regulation EU 1272/2008: Not classified as a hazardous substance.  
 Labelling according to EU regulation 1272/2008 (GHS-Labeling)  
 Signal word: None  
 Pictograms: None  
 Hazard phrases: None  
 Safety phrases: None  
 Other hazards: None

Classification according to EU 67/548 EEC or 1999/45/EC: Not classified as a hazardous substance.  
 Labelling according to EU regulation 67/548  
 Hazard Symbol: None  
 Risk phrases: None  
 Safety phrases: None

#### 3. Composition / Information on ingredients

INCI-name: Coco-caprylate / Coco-caprylate/caprato  
 CAS-number: -  
 EINECS-number: -

#### 4. First Aid

Generally: No special measures required. A medical examination is not necessary.  
 First aid after Inhalation: Move to fresh air. Seek medical advice if necessary.  
 First aid after Skin contact: In general product is not skin-irritating. Wash skin with soap and water.  
 First aid after Eye contact: Immediately flush eyes with plenty of water, occasionally lifting the upper and lower eyelids. Check for and remove any contact lenses. Continue to rinse for at least 10 minutes. Get medical attention if irritation occurs.  
 First aid after Ingestion: Rinse the mouth. Drink 1-2 glasses of water. In the event of unintentional swallowing, do not force vomiting. Seek medical attention if necessary.  
 Most important symptoms and effects, acute/delayed: No symptoms known.

#### 5. Fire-fighting Measures

Suitable extinguishing media: Foam, dry chemical powder, carbon dioxide, sand or earth  
 Unsuitable extinguishing media: Do not use direct water jet on burning material.



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**Special protective equipment:** Avoid vapour inhalation. Keep away from sources of ignition. Do not smoke. Wear positive pressure self-contained breathing equipment & protective clothing. Respiratory and eye protection required for fire crews when exposed to smoke or

**Special hazards by the product itself:**

Formation of toxic gases is possible during heating or in fires.

**Other information:**

Combustion products or gases to be formed: Carbon dioxide. In the case of fire, use respirator.

#### 6. Accidental release measures:

**Personal precautions:** Avoid direct contact with skin and eyes. Ensure adequate ventilation. Wear protective equipment. Keep unprotected persons away. Take great care to avoid inhalation of the aerosol.

**Environmental precautions:** Shut off source. Do not allow large amounts to be released into the sewer system. Prevent further leakage or spillage. Dispose of product and contaminated absorbents in suitable containers, as directed in section 13.

**Methods for cleaning up:** Remove with liquid-absorbing material (sand, peat, sawdust). Remove dry, forms a slippery coating with water.

#### 7. Handling and Storage

**Precautions for safe handling:** Apply good manufacturing practice & industrial hygiene practices. Immediately remove soiled or soaked clothing. Observe good personal hygiene, and do not eat, drink or smoke whilst handling. Keep containers leak proof closed and dry. Protect against sun/light. Prevent spills and leakages to avoid slip hazard.

**Conditions for safe storage:** Intrusion into soil to be avoided. Store in a cool place in closed original container. < + 30 °C. Keep container in a well ventilated place. Keep container tightly sealed.

#### 8. Exposure Controls and Personal Protection

**Hand protection:** Wear suitable protective gloves. Gloves must be selected according to the application and duration of use at the workstation. Protective gloves need to be selected according to their suitability for the workstation in question: other chemical products that may be handled, necessary physical protections (cutting, pricking, heat protection), level of dexterity required.

**Occupational exposure limit:** No special measures required

**Eye protection:** Avoid contact with eyes. Use eye protectors designed to protect against liquid splashes

**Physical protection:** Use individual protective equipment



#### 9. Physical and Chemical Properties

**Appearance:** liquid  
**Colour:** colourless to yellowish  
**Odour:** little intrinsic odour  
**Melting point / freezing point:** not available  
**Initial boiling point & range:** not available



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Flash point:	> 140 °C
Refractive index at 20°C:	1.435 - 1.439
Relative density at 20°C:	0.856 - 0.862
Saponification value:	190 - 220
Solubility:	insoluble in water; liposoluble
Viscosity at 20°C:	not determined
Auto-ignition temperature:	not determined
Flamability:	not available
Explosive properties:	not available
Decomposition temperature:	not determined

#### 10. Stability and Reactivity

Reactivity:	The product does not present hazards by their reactivity.
Chemical stability:	Stable under the recommended handling and storage conditions.
Possibility of hazardous reactions:	The product does not present possibility of hazardous reactions.
Conditions to avoid:	Avoid temperatures near or above the flash point. Do not heat closed containers. Avoid direct sunlight and heat, as these may cause a risk of fire.
Substances to avoid:	Keep away from oxidising agents and from highly alkaline or acidic materials in order to prevent exothermic reactions.
Hazardous decomposition products:	In case of fire, dangerous decomposition products can be generated, such as carbon monoxide and dioxide and nitrogen fumes and oxides.

#### 11. Toxicological Information

Not classified as hazardous conform EEC Dangerous Substance Directive and Dangerous Preparation Directives. If the product is used properly it will not cause any injuries to health.

Toxicological effects:	The present product is a chemical preparation within the meaning of the chemicals act. The following evaluation has been made on the basis of the toxicological data and content by weight of the individual ingredients. Acute oral toxicity: LD50 > 5000 mg/kg body weight. GHS: No category
Skin corrosion/irritation	In compliance with generally accepted uses and quantities are no negative impacts to be expected.
Serious eye damage/irritation	In compliance with generally accepted uses and quantities are no negative impacts to be expected.
Respiratory /skin sensitization	In compliance with generally accepted uses and quantities are no negative impacts to be expected.
Germ cell mutagenicity	There is not expected negative impact.
Carcinogenicity	There is not expected negative impact.
Reproductive toxicity	There is not expected negative impact.
STOT-single exposure	No information available
STOT-repeated exposure	No information available
Aspiration hazard	No information available

#### 12. Ecological Information

##### 12.1 Toxicity.



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Acute fish toxicity: LC50 > 100 mg product/l. GHS: No category. Acute bacterial toxicity: ECO > 100 mg product/l.

Chronic fish toxicity: Not available. Chronic invertebrate toxicity: Not available.

12.2 Persistence and degradability.

Ultimate biodegradation: Readily and rapidly degradable. All organic substances contained in the product achieve > 60% BOD/COD or CO<sub>2</sub> liberation, or > 70% DOC reduction in tests for ease of degradability. Threshold values for 'readily degradable' (e.g. to OECD method 301) are reached. GHS: No category

12.3 Bioaccumulative potential.

No information is available regarding the bioaccumulation of the substances present.

12.4 Mobility in soil.

No information is available about the mobility in soil. The product must not be allowed to go into sewers or waterways. Prevent penetration into the ground.

12.5 Results of PBT and vPvB assessment.

No information is available about the results of PBT and vPvB assessment of the product.

12.6 Other adverse effects.

No information is available about other adverse effects for the environment.

### 13. Disposal Considerations

Recommendation: Waste treatment methods.  
Do not dump into sewers or waterways. Waste and empty containers must be handled and eliminated according to current, local/national legislation.  
Follow the provisions of Directive 2008/98/EC regarding waste management.

### 14. Transport Information

General recommendations: Not dangerous product. In case of road accident causing the product's spillage, proceed in accordance with point 6.

UN no: not classified

Road (ADR/RID): not classified

Air (IATA/ICAO): not classified

Sea (IMDG): not classified

Special precautions for user: See section 6-8

Transport in bulk according to Annex II of MARPOL 73/78 and the IBC: Not defined

### 15. Additional Regulatory Information

EU Classification: Not subject to classification according to CLP Regulation (EC) No. 1272/2008.  
Not subject to classification according to Directive 67/548/EC or Directive

Assessment of material safety: An assessment has not been executed.

### 16. Other Information

Disclaimer:

This material safety data sheet does not constitute a guarantee of the properties of the product and is not a contractual legal report. The information is given in good faith on the basis of our best knowledge of the product at



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the indicated time. However, we cannot accept responsibility or liability for any consequences arising from its use, no warranty for correctness and completeness is given. We caution the users against the incurred possible risks when the product is used at other ends than the use for which it was initially planned. It is the user's responsibility during handling, storage and product use to consult the main regulatory texts in force regarding workers and environment protection.