

**Material safety data sheet SDS**  
According to EU Regulation 1907/2006 in the current version  
**Surfactant Oil-to-foam Natural**

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

Product name: Surfactant oil-to-foam natural  
INCI: Sodium Cocoyl Amino Acids, Aqua, Coco-Caprylate / Caprate, Polyglyceryl-10 Laurate  
Uses: Cosmetic ingredient  
Supplier company identification: Elemental SRL, Piața Cazărmii no.15, 410188-Oradea, jud.Bihor, Romania  
Tel/Fax: +40259-436.755, [www.elemental.com](http://www.elemental.com)  
Emergency: RO: număr național pentru cazuri de urgență: 021 3183606 Institutul de Sănătate Publică București.  
International emergency number: +49 180 2273-112

## 2. Hazards Identification

### 2.1 Classification of the substance or mixture

Eye Dam. 1 : Causes serious eye damage.

### 2.2 Label elements

Labelling according to Regulation (EC) No 1272/2008

Hazard Pictogram(s)

GHS05



Danger

H318: Causes serious eye damage.

30.1 percent of the mixture consists of ingredient(s) of unknown toxicity. P280: Wear protective gloves/protective clothing/eye protection/face protection. P305+P351+P338+P310: IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. Immediately call a POISON CENTRE/doctor.

Signal Word(s)

Hazard Statement(s)

Precautionary Statement(s)

### 2.3 Other hazards

None known.

### 2.4 Additional Information

For full text of H/P Statements see section 16

## 3. Declaration of ingredients

### 3.1 Substances

Not applicable

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**3.2 Mixtures**

HAZARDOUS INGREDIENT(S)	CAS No.	EC No. / Registration number(s)	%W/W	Hazard Statement(s)	Hazard Pictogram(s)
Acid chlorides, coco, reaction products with protein hydrolyzates sodium salts	68188-38-5	614-365-4	50.0-74.9	Eye Dam. 1 H318	GHS05
Water	7732-18-5	231-791-2	10.0-24.9	Not classified.	None
Fatty acids, C8-10, C12-18-alkyl esters	95912-86-0	306-082-7	5.0-9.9	Not classified.	None
Polyglyceryl-10 Laurate	34406-66-1	806-922-7	0.1-0.9	Not classified.	None

See full text of the hazard and risk phrases in section 16

**4. First aid measures**

**4.1 Description of first aid measures**

Eye contact: Flush eyes gently with water for at least 15 minutes while holding eyelids apart: seek immediately medical attention.

Skin contact: Wash off with soap and plenty of water.

Inhalation: If symptoms develop, move individual away from exposure and into fresh air. If symptoms persist, seek medical attention. If breathing is difficult, administer oxygen. Keep person warm and quit; seek immediately medical attention.

Ingestion: Never give anything by mouth to an unconscious person. Rinse mouth with water.

**4.2 Most important symptoms and effects, both acute and delayed**

No data available

**4.3 Indication of any immediate medical attention and special treatment needed**

No data available, Treat symptomatically.

**5. Fire fighting measures**

**5.1. Extinguishing media**

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Dry chemical, Alcohol type foam, Water spray, CO2

5.2. Special hazards arising from the substance or mixture

May decompose in a fire, giving off toxic and irritant vapours.

5.3. Advice for firefighters

Use air supplied breathing equipment for enclosed areas. Cool exposed containers with water spray. Avoid breathing vapor and fumes.

### 6. Accidental release measures

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6.1. Personal precautions, protective equipment and emergency procedures

Do not try to clean up the leak without the proper protective equipment.

6.2. Environmental precautions

Avoid liquid to enter sewer/public waters

Notify environmental authorities in case of large leaks.

6.3. Methods and material for containment and cleaning up

Absorb the small overflows with inert solids

6.4. Reference to other sections

See Also Section 8, 13

### 7. Handling and storage

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7.1. Precautions for safe handling

Handle in accordance with good industrial hygiene and safety practices.

7.2. Conditions for safe storage, including any incompatibilities

Store protected from light and humidity in tightly closed vessels at room temperature.

7.3. Specific end uses

No data available

### 8. Exposure controls / personal protection

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8.1. Control parameters

8.1.1 Occupational Exposure Limits: No Occupational Exposure Limit assigned.

8.2 Exposure controls

8.2.1. Appropriate engineering Ensure adequate ventilation. A washing facility/water for eye and skin cleaning controls purposes should be present.

8.2.2. Personal protection equipment

Eye Protection Wear eye protection with side protection (EN166).

Skin protection Wear protective clothing and gloves: Impervious gloves (EN 374).

Respiratory protection Normally no personal respiratory protection is necessary.

Thermal hazards None known.

8.2.3. Environmental Exposure Control: Avoid release to the environment.

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## 9. Physical and chemical properties

### 9.1 Information on basic physical and chemical properties:

Appearance	Liquid. Colour : Colourless -Pale yellow
Odour	Characteristic
Odour threshold	Not known.
PH	5-7
Melting point/freezing point	Not known.
Initial boiling point and boiling range	Not known.
Flash Point	>200 °C
Evaporation rate	Not known.
Flammability (solid, gas)	Not known.
Upper/lower flammability or explosive limits	Not explosive
Vapour pressure	Not known.
Vapour density	Not known.
Density (g/ml)	Not known.
Relative density	<b>1.00 - 1.10</b>
Solubility(ies)	Solubility (Water) : Soluble Solubility (Other) : Soluble in most organic solvents.
Partition coefficient; n-octanol/water	Not known.
Auto-ignition temperature	Not applicable
Decomposition Temperature (°C)	Not known.

9.2 Other information: No additional information available.

## 10. Stability and reactivity

### 10.1. Reactivity

No data available

### 10.2. Chemical stability

Stable under usual conditions

### 10.3. Possibility of hazardous reactions

No hazardous reactions known if used for its intended purpose

10.4. Conditions to avoid: Keep sources of ignition at a distance.

10.5. Incompatible materials: No data available

10.6. Hazardous decomposition: No hazardous decomposition products known

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## 11. Toxicological information

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### 11.1. Information on toxicological effects

Acute toxicity - Ingestion

Acute toxicity - Skin Contact

Acute toxicity - Inhalation

Skin corrosion/irritation

Serious eye damage/irritation

Calculation method : Not classified.

Calculation method : Not classified.

Calculation method : Not classified.

Calculation method : Not classified.

Self classification: Causes serious eye damage.

H318: Causes serious eye damage.

Calculation method : Not classified.

Calculation method : Not classified.

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Calculation method : Not classified.

Calculation method : Not classified.

Skin sensitization data

Respiratory sensitization data

Germ cell mutagenicity

Carcinogenicity

Reproductive toxicity

Lactation

STOT - single exposure

STOT - repeated exposure

Aspiration hazard

### 11.2 Other information

Not known

## 12. Ecological information

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### 12.1 Toxicity

Toxicity - Aquatic invertebrates Low toxicity to invertebrates.

Toxicity - Fish

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Toxicity - Algae  
Toxicity – Sediment Compartment  
Toxicity – Terrestrial Compartment  
Low toxicity to fish.  
Low toxicity to algae.  
Not classified.  
Not classified.  
12.2 Persistence and degradability  
Not known.  
12.3 Bioaccumulative potential  
Not known.  
12.4 Mobility in soil  
Not known.  
12.5 Results of PBT and vPvB assessment  
Not known.  
12.6 Other adverse effects  
None known

### 13. Disposal considerations

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13.1. Waste treatment methods  
Send to a licensed recycler, reclaimer or incinerator. Dispose at suitable refuse site  
13.2 Additional Information  
Disposal should be in accordance with local, state or national legislation

### 14. Transport information

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Land transport (ADR/RID)

14.1. UN number: No dangerous good in sense of this transport regulation.  
14.2. UN proper shipping name: No dangerous good in sense of this transport regulation.  
14.3. Transport hazard class(es): No dangerous good in sense of this transport regulation.  
14.4. Packing group: No dangerous good in sense of this transport regulation.

Inland waterways transport (ADN)

14.1. UN number: No dangerous good in sense of this transport regulation.  
14.2. UN proper shipping name: No dangerous good in sense of this transport regulation.  
14.3. Transport hazard class(es): No dangerous good in sense of this transport regulation.  
14.4. Packing group: No dangerous good in sense of this transport regulation.

Marine transport (IMDG)

14.1. UN number: No dangerous good in sense of this transport regulation.

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- 14.2. UN proper shipping name: No dangerous good in sense of this transport regulation.  
14.3. Transport hazard class(es): No dangerous good in sense of this transport regulation.  
14.4. Packing group: No dangerous good in sense of this transport regulation.

#### Air transport (ICAO-TI/IATA-DGR)

- 14.1. UN number: No dangerous good in sense of this transport regulation.  
14.2. UN proper shipping name: No dangerous good in sense of this transport regulation.  
14.3. Transport hazard class(es): No dangerous good in sense of this transport regulation.  
14.4. Packing group: No dangerous good in sense of this transport regulation.  
14.5. Environmental hazards: Not classified as a Marine Pollutant.  
14.6. Special precautions for user: No dangerous good in sense of this transport regulation.  
14.7. Maritime transport in bulk according to IMO instruments: No dangerous good in sense of this transport regulation.

## 15. Regulatory information

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#### 15.1 Safety, health and environmental regulations/legislation specific for the substance or mixture:

Regulation (EC) No. 1907/2006 (REACH)

Regulation (EC) No. 1272/2008 (CLP/EU-GHS)

Regulation (EC) No. 1223/2009 (Cosmetic Regulation)

#### 15.2 Chemical safety assessment:

For this substance a chemical safety assessment has not been carried out.

## 16. Additional information

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#### 16.1 Abbreviations

ADN - European Agreement concerning the International Carriage of Dangerous Goods by Inland Waterways; ADR - Agreement concerning the International Carriage of Dangerous Goods by Road; AIIC - Australian Inventory of Industrial Chemicals; ASTM - American Society for the Testing of Materials; bw - Body weight; CLP - Classification Labelling Packaging Regulation; Regulation (EC) No 1272/2008; CMR - Carcinogen, Mutagen or Reproductive Toxicant; DIN - Standard of the German Institute for Standardisation; DSL - Domestic Substances List (Canada); ECHA - European Chemicals Agency; EC-Number - European Community number; ECx - Concentration associated with x% response; ELx - Loading rate associated with x% response; EmS - Emergency Schedule; ENCS - Existing and New Chemical Substances (Japan); ErCx - Concentration associated with x% growth rate response; GHS - Globally Harmonized System; GLP - Good Laboratory Practice; IARC - International Agency for Research on Cancer; IATA - International Air Transport Association; IBC - International Code for the Construction and Equipment of Ships carrying Dangerous Chemicals in Bulk; IC50 - Half maximal inhibitory concentration; ICAO - International Civil Aviation Organization; IECSC - Inventory of Existing Chemical Substances in China; IMDG - International Maritime Dangerous Goods; IMO - International Maritime Organization; INCI: International Nomenclature of Cosmetic Ingredients; ISHL - Industrial Safety and Health Law (Japan); ISO - International Organisation for Standardization; KECI - Korea Existing Chemicals Inventory; LC50 -

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Lethal Concentration to 50 % of a test population; LD50 - Lethal Dose to 50% of a test population (Median Lethal Dose); MARPOL - International Convention for the Prevention of Pollution from Ships; n.o.s. - Not Otherwise Specified; NO(A)EC - No Observed (Adverse) Effect Concentration; NO(A)EL - No Observed (Adverse) Effect Level; NOELR - No Observable Effect Loading Rate; NZIoC - New Zealand Inventory of Chemicals; OECD - Organization for Economic Cooperation and Development; OPPTS - Office of Chemical Safety and Pollution Prevention; PBT - Persistent, Bioaccumulative and Toxic substance; PICCS - Philippines Inventory of Chemicals and Chemical Substances; (Q)SAR - (Quantitative) Structure Activity Relationship; PNEC: Predicted No Effect Concentration; REACH - Regulation (EC) No 1907/2006 of the European Parliament and of the Council concerning the Registration, Evaluation, Authorisation and Restriction of Chemicals; RID - Regulations concerning the International Carriage of Dangerous Goods by Rail; SADT - Self-Accelerating Decomposition Temperature; SDS - Safety Data Sheet; SVHC - Substance of Very High Concern; STE: Short-term exposure; STEL: Short Term Exposure limit; STOT: Specific Target Organ Toxicity; TCSI - Taiwan Chemical Substance Inventory; TECI - Thailand Existing Chemicals Inventory; TRGS - Technical Rule for Hazardous Substances; TSCA - Toxic Substances Control Act (United States); UN - United Nations; vPvB - Very Persistent and Very Bioaccumulative

#### 16.2 Full text of the hazard and risk phrases

Hazard classification: Eye Dam. 1: Serious eye damage/irritation, Category 1

Hazard Statement(s): H318: Causes serious eye damage.

Precautionary Statement(s):

P280: Wear protective gloves/protective clothing/eye protection/face protection. P305+P351+P338+P310: IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. Immediately call a POISON CENTRE/doctor.

#### 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 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.