

## Material safety data sheet SDS

According to EU Regulation EC No. 453/2010 in the current version

### CONDISOFT EMULSIFIER

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

Product name: Condisoft Emulsifier  
INCI: Stearamidopropyl Dimethylamine  
Uses: Raw material for cosmetics  
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

Classification according to the Regulation (EC) No 1272/2008 (GHS)

Skin irritation, Category 2, H315

Serious eye damage, Category 1, H318

Acute aquatic toxicity, Category 1, H400

Classification according to directives 1999/45/EC and 67/548/EEC

Irritating to skin.

Risk of serious damage to eyes.

Very toxic to aquatic organisms.

##### 2.2. Label elements

Labelling according to Regulation (EC) No. 1272/2008 [CLP]

Signal Word : Danger

Hazard Statements : H315: Causes skin irritation.

H318: Causes serious eye damage.

H400: Very toxic to aquatic life.

Precautionary Statements : P264a: Wash skin thoroughly after handling.

P273: Avoid release to the environment.

P280a: Wear protective gloves and eye/face protection.

P302 + P352: IF ON SKIN: Wash with plenty of soap and water.

P305 + P351 + P338: IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.

P313: Get medical advice/attention.

Hazardous component(s) for labelling: Octadecanamide, N-[3-(dimethylamino)propyl]- EINECSNo.: 231-609-12.3.



#### 3. Declaration of ingredients

##### 3.1 Substances

Chemical characterization : Stearic acid 3-(dimethylaminopropyl)amide

CAS-No. : 7651-02-7

## Material safety data sheet SDS

According to EU Regulation EC No. 453/2010 in the current version

### CONDISOFT EMULSIFIER

EINECS-No. : 231-609-1

3.2 Mixtures

Not applicable

#### 4. First aid measures

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##### 4.1. Description of first aid measures

First-aid measures general:

Remove person to uncontaminated area. Avoid all unnecessary exposure.

First-aid measures after inhalation:

Assure fresh air breathing. Call a POISON CENTER/doctor/physician if you feel unwell.

First-aid measures after skin contact:

Remove affected clothing and wash all exposed skin area with mild soap and water, followed by warm water rinse.

First-aid measures after eye contact:

Rinse immediately with plenty of water. Remove contact lenses, if present and easy to do. Continue rinsing.

First-aid measures after ingestion:

Rinse mouth. Drink plenty of water. Call a POISON CENTER/doctor/physician if you feel unwell.

##### 4.2. Most important symptoms and effects, both acute and delayed

Symptoms/injuries: Under normal conditions of use, no adverse effects to health have been observed.

##### 4.3. Indication of any immediate medical attention and special treatment needed

No additional information available

#### 5. Fire fighting measures

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##### 5.1. Extinguishing media

Suitable extinguishing media:

Not combustible. Use extinguishing media appropriate for surrounding fire. Do not contaminate ground and surface water.

Unsuitable extinguishing media: Do not use a heavy water stream.

##### 5.2. Special hazards arising from the substance or mixture

Reactivity: No dangerous reactions known.

##### 5.3. Advice for firefighters

Firefighting instructions: Use water spray or fog for cooling exposed containers. Exercise caution when fighting any chemical fire. Avoid (reject) fire-fighting water to enter environment.

Protection during firefighting: Do not enter fire area without proper protective equipment, including respiratory protection. Use a self-contained breathing apparatus and also a protective suit.

Other information: No hazardous decomposition products known.

#### 6. Accidental release measures

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##### 6.1. Personal precautions, protective equipment and emergency procedures

###### 6.1.1. For non-emergency personnel

## Material safety data sheet SDS

According to EU Regulation EC No. 453/2010 in the current version

### CONDISOFT EMULSIFIER

Protective equipment: Wear suitable protective clothing and eye or face protection. Minimize generation of dust. Wear suitable respiratory equipment.

Emergency procedures: Evacuate unnecessary personnel.

6.1.2. For emergency responders

Protective equipment: Equip cleanup crew with proper protection.

Emergency procedures: Ventilate area.

6.2. Environmental precautions

Prevent entry to sewers and public waters. Notify authorities if liquid enters sewers or public waters. Avoid release to the environment. Prevent soil and water pollution.

6.3. Methods and material for containment and cleaning up

Methods for cleaning up: Take up mechanically (sweeping, shovelling) and collect in suitable container for disposal. Sweep spilled substance into containers; if appropriate, moisten first to prevent dusting. Keep in suitable, closed containers for disposal.

6.4. Reference to other sections

See Heading 8. Exposure controls and personal protection

## 7. Handling and storage

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7.1. Precautions for safe handling

Additional hazards when processed:

Does not present any particular risk, provided it is handled in accordance with good occupational hygiene and safety practice and that precautions are taken to avoid the inhalation of dust.

Precautions for safe handling: Avoid all unnecessary exposure. Wear suitable protective clothing, gloves and eye or face protection. Wear suitable respiratory equipment. Minimize generation of dust.

7.2. Conditions for safe storage, including any incompatibilities

Technical measures: Refer to all applicable national, international and local regulations or provisions.

Storage conditions: Store tightly closed in a dry and cool place. Keep in a cool place away from reducing agents/(strong) acids/(strong) bases.

Incompatible products: Strong bases. strong acids.

Packaging materials: Keep in the original container.

7.3. Specific end use(s)

No additional information available

## 8. Exposure controls / personal protection

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8.1 Control parameters

No information available

8.2 Exposure controls

Appropriate engineering controls: Provide adequate general and local exhaust ventilation. Ensure exposure is below occupational exposure limits (where available).

Personal protective equipment: Avoid all unnecessary exposure.

## Material safety data sheet SDS

According to EU Regulation EC No. 453/2010 in the current version

### CONDISOFT EMULSIFIER

Hand protection: Wear protective gloves.

Eye protection: Chemical goggles or safety glasses.

Respiratory protection: Wear appropriate mask. In case of insufficient ventilation, wear suitable respiratory equipment.

Environmental exposure controls: Avoid release to the environment.

Other information: Do not eat, drink or smoke during use

#### 9. Physical and chemical properties

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Form : solid

Colour : white to light yellow

Odour : amine-like

Melting temperature : 66 - 69 °C

Boiling temperature : not measured

Flash point : approx. 240 °C

Method: DIN/ISO 2592 c.o.c.

Ignition temperature : not measured

Lower explosion limit : not measured

Upper explosion limit : not measured

Vapour pressure : not measured

Water solubility : insoluble

pH : 10 at 10 g/l Isopropanol/water at 20 °C Suspension in water

Viscosity, dynamic : not measured

#### 10. Stability and reactivity

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##### 10.1. Reactivity

No dangerous reactions known.

##### 10.2. Chemical stability

Stable under normal conditions.

##### 10.3. Possibility of hazardous reactions

Not established.

##### 10.4. Conditions to avoid

Direct sunlight. Extremely high or low temperatures.

##### 10.5. Incompatible materials

Strong acids. Strong bases.

##### 10.6. Hazardous decomposition products

No hazardous decomposition products known.

#### 11. Toxicological information

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Acute oral toxicity : LD50 Species: rat Dose: > 5.000 mg/kg Method: OECD 401 Source: in Analogie

## Material safety data sheet SDS

According to EU Regulation EC No. 453/2010 in the current version

### CONDISOFT EMULSIFIER

Sensitization : Species: Guinea pig Classification: Did not cause sensitization on laboratory animals.

non-sensitizing Method: OECD 406 Remarks : The substance has no mutagenic activity (Ames Test)

Experience in use: Irritant to skin

Risk of serious damage of eyes.

Germ cell mutagenicity: This substance does not meet the criteria for classification as CMR category 1A or 1B according to CLP.

Based on available data, the classification criteria are not met

Carcinogenicity: This substance does not meet the criteria for classification as CMR category 1A or 1B according to CLP.

Based on available data, the classification criteria are not met

Reproductive toxicity: This substance does not meet the criteria for classification as CMR category 1A or 1B according to CLP.

Based on available data, the classification criteria are not met

Specific target organ toxicity (single exposure): Not classified

Based on available data, the classification criteria are not met

Specific target organ toxicity (repeated exposure): Not classified

Based on available data, the classification criteria are not met

Aspiration hazard: Not available

Based on available data, the classification criteria are not met

Potential Adverse human health effects and symptoms: Based on available data, the classification criteria are not met.

## 12. Ecological information

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Elimination information (persistence and degradability)

Biological degradability : readily degradable

Method: OECD 301 B

Ecotoxicity effects

Toxicity to algae : EbC50

Species: Scenedesmus subspicatus

Dose: 0,34 mg/l

Method: OECD 201

Further ecological information

Remarks : Do not allow to enter soil, waterways or waste water canal.

The product is considered to be a water pollutant (German law).

## 13. Disposal considerations

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### 13.1. Waste treatment methods

Regional legislation (waste): Dispose in a safe manner in accordance with local/national regulations.

Product : In accordance with local authority regulations, take to special waste incineration plant

Contaminated packaging : If empty contaminated containers are recycled or disposed of, the receiver must be informed about possible hazards.

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According to EU Regulation EC No. 453/2010 in the current version

### CONDISOFT EMULSIFIER

#### 14. Transport information

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In accordance with ADR / RID / ADN / IMDG / ICAO / IATA

14.1. UN number

UN-No.: 3077

14.2. UN proper shipping name

Proper Shipping Name: Stearic acid amide amine

Transport document description: ENVIRONMENTALLY HAZARDOUS SUBSTANCE, SOLID, N.O.S.

14.3. Transport hazard class(es)

Class (UN): 9

Hazard labels (UN): 9

14.4. Packing group

Packing group (UN): III

14.5. Environmental hazards

Dangerous for the environment Marine pollutant

Other information: No supplementary information available.

14.6. Special precautions for user

No additional information available

14.7. Transport in bulk according to Annex II of MARPOL 73/78 and the IBC Code

Not applicable

#### 15. Regulatory information

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National legislation / regulations

Germany

TA Luft (Germany) : Class: Paragraph 5.2.1

Observe local authority regulations corresponding to the German incident regulation (StörfallIV): 9a

Water contaminating class : 2 (Classification acc. to German law)

Risk classification according to BetrSichV (Germany): ---

Other regulations : Special local regulations must be adhered to when using products containing irritating or corrosive substances.

#### 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 Test-ing 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

## Material safety data sheet SDS

According to EU Regulation EC No. 453/2010 in the current version

### CONDISOFT EMULSIFIER

(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 - 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 Co-operation 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; TECL - 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

#### 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.