



**INDUSTRIA CHIMICA PANZERI SRL**  
**Safety Data Sheet**  
**CESTOPAL 25 M INS.**



13 rue Louis Blériot  
77290 COMPANS



**ALCOOL GRAS ETHOXYLE C16/18 + 25EO**

**Safety Data Sheet dated, 16/6/2023 , version 13**

**SECTION 1: Identification of the substance/mixture and of the company/undertaking**

**1.1. Product identifier**

Identification of the substance

Trade name: CESTOPAL 25 M INS.  
Other trade names: CESTOPAL 25 M INS. RSPO MB  
Trade code: CE0115  
Name INCI : CETEARETH - 25

CAS number: 68439-49-6

EINECS exempt as polymer

The substance must not be registered according to REACH since it is a polymer.

**1.2. Relevant identified uses of the substance or mixture and uses advised against**

Recommended use:

For cosmetics and toiletry

Surfactant for industrial use

Uses advised against:

None

**1.3. Details of the supplier of the safety data sheet**

Company:

INDUSTRIA CHIMICA PANZERI srl- via Cavour 18- 24050 Orio al Serio (BG)

Tel. + 39 035 313177

Fax + 39 035 316136

Competent person responsible for the safety data sheet:

laboratorio.cq@chimicappanzeri.it

**1.4. Emergency telephone number**

Tel. + 39 035 313177

Fax + 39 035 316136

Time : from 8:00 to 18:00

European Poison Centers:

|           |                   |                |                     |
|-----------|-------------------|----------------|---------------------|
| Austria   | +43 14064343      | Belgium        | + 32 070245245      |
| Bulgaria  | +359 29154233     | Croatia        | +385 12348342       |
| Cyprus    | 1401              | Czech Republic | +420 224919293      |
| Denmark   | +45 82121212      | Estonia        | +372 7943794; 16662 |
| Finland   | + 358 800 147111  | France         | +33 (0) 145425959   |
| Germany   | 112               | Greece         | +30 2107793777      |
| Hungary   | +36 80201199      | Iceland        | +354 5432222; 112   |
| Ireland   | +353 (01) 8092166 | Latvia         | +371 67042473; 112  |
| Lithuania | +370 (85) 2362052 | Luxembourg     | +352 80025500       |
| Malta     | 112               | Netherlands    | +31 (0) 887558000   |
| Norway    | +47 22591300      | Portugal       | +351 800250250      |
| Poland    | 112               | Romania        | +40 212308000       |
| Slovakia  | +421 254774166    | Slovenia       | 112                 |
| Spain     | + 34 915620420    | Sweden         | 112                 |

**SECTION 2: Hazards identification**

**2.1. Classification of the substance or mixture**

EC regulation criteria 1272/2008 (CLP)

⚠ Warning, Eye Irrit. 2, Causes serious eye irritation.

Adverse physicochemical, human health and environmental effects:

No other hazards

**2.2. Label elements**

CE0115/14

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Hazard pictograms:



Warning

Hazard statements:

H319 Causes serious eye irritation.

Precautionary statements:

P264 Wash ... thoroughly after handling.

P280 Wear protective gloves/protective clothing/eye protection/face protection/hearing protection/...

P337+P313 If eye irritation persists: Get medical advice/attention.

Special Provisions:

None

Special provisions according to Annex XVII of REACH and subsequent amendments:

None

2.3. Other hazards

This substance has no PBT, vPvB or endocrine disrupting properties

Other Hazards:

No other hazards

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### **SECTION 3: Composition/information on ingredients**

3.1. Substances

Identification of the substance

Chemical characterization: Alcohols, C16-18, ethoxylated ( > = 15 - < = 25 EO )

CAS number: 68439-49-6

3.2. Mixtures

N.A.

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### **SECTION 4: First aid measures**

4.1. Description of first aid measures

In case of skin contact:

Immediately take off all contaminated clothing.

After contact with skin, wash immediately with soap and plenty of water.

Wash thoroughly the body (shower or bath).

Remove contaminated clothing immediately and dispose off safely.

In case of eyes contact:

Wash immediately with water for at least 10 minutes.

After contact with the eyes, rinse with water with the eyelids open for a sufficient length of time, then consult an ophthalmologist immediately.

Protect uninjured eye.

In case of Ingestion:

Do not induce vomiting. SEEK A MEDICAL EXAMINATION IMMEDIATELY and show the safety data sheet.

In case of Inhalation:

Remove casualty to fresh air and keep warm and at rest.

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

None

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

In case of accident or unwellness, seek medical advice immediately (show directions for use or safety data sheet if possible).

Treatment:

None

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#### SECTION 5: Firefighting measures

- 5.1. Extinguishing media
  - Suitable extinguishing media:
    - Water.
    - Carbon dioxide (CO<sub>2</sub>).
  - Extinguishing media which must not be used for safety reasons:
    - None in particular.
- 5.2. Special hazards arising from the substance or mixture
  - Do not inhale explosion and combustion gases.
  - Burning produces heavy smoke.
- 5.3. Advice for firefighters
  - Use suitable breathing apparatus .
  - Collect contaminated fire extinguishing water separately. This must not be discharged into drains.
  - Move undamaged containers from immediate hazard area if it can be done safely.

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#### SECTION 6: Accidental release measures

- 6.1. Personal precautions, protective equipment and emergency procedures
  - Wear personal protection equipment.
  - Remove persons to safety.
  - See protective measures under point 7 and 8.
- 6.2. Environmental precautions
  - Do not allow to enter into soil/subsoil. Do not allow to enter into surface water or drains.
  - Retain contaminated washing water and dispose it.
  - In case of gas escape or of entry into waterways, soil or drains, inform the responsible authorities.
  - Suitable material for taking up: absorbing material, organic, sand
- 6.3. Methods and material for containment and cleaning up
  - Wash with plenty of water.
- 6.4. Reference to other sections
  - See also section 8 and 13

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#### SECTION 7: Handling and storage

- 7.1. Precautions for safe handling
  - Avoid contact with skin and eyes, inhalation of vapours and mists.
  - Don't use empty container before they have been cleaned.
  - Before making transfer operations, assure that there aren't any incompatible material residuals in the containers.
  - See also section 8 for recommended protective equipment.
  - Advice on general occupational hygiene:
    - Contaminated clothing should be changed before entering eating areas.
    - Do not eat or drink while working.
- 7.2. Conditions for safe storage, including any incompatibilities
  - Compatible materials: stainless steel, polyethylene, paper
  - Avoid temperatures > 70°C (melted substance)
  - Incompatible materials:
    - None in particular.
  - Instructions as regards storage premises:
    - Adequately ventilated premises.
- 7.3. Specific end use(s)
  - None in particular

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#### SECTION 8: Exposure controls/personal protection

- 8.1. Control parameters
  - No occupational exposure limit available
- DNEL Exposure Limit Values
  - N.A.
- PNEC Exposure Limit Values
  - N.A.

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#### 8.2. Exposure controls

##### Eye protection:

Eye glasses with side protection.

##### Protection for skin:

Use clothing that provides comprehensive protection to the skin, e.g. cotton, rubber, PVC or viton.

##### Protection for hands:

Chemical resistant gloves (EN 374)

The choice of glove material depends not only on the chemical nature of the substance being handled, but also on the type of exposure and the permeation time of the substance itself.

Chemical resistant and waterproofing gloves compliant with approved standards should always be used when chemicals are handled if the risk assessment indicates the need.

The glove material must be impermeable and resistant to the product / substance / formulation. Ask the supplier for information on the quality of the material and the precise transit time, which must be respected.

Please note that the choice of gloves also depends on quality characteristics that vary from one manufacturer to another.

##### Respiratory protection:

Not needed for normal use.

##### Thermal Hazards:

None

##### Environmental exposure controls:

None. Use according to good work practices.

##### Appropriate engineering controls:

None

## SECTION 9: Physical and chemical properties

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

| Properties  | Value           | Method: | Notes: |
|---|-----------------|---------|--------|
| Physical state:   | Flakes/Solid    | --      | --     |
| Colour:   | White           | --      | --     |
| Odour:  | typical         | --      | --     |
| Melting point/freezing point:                             | c.a 40°C        | --      | --     |
| Boiling point or initial boiling point and boiling range: | > 250°C         | --      | --     |
| Flammability:   | N.A.            | --      | --     |
| Lower and upper explosion limit:                          | n.a.            | --      | --     |
| Flash point:  | > 125°C         | --      | --     |
| Auto-ignition temperature:                                | n.d.            | --      | --     |
| Decomposition temperature:                                | N.A.            | --      | --     |
| pH:   | 5 - 7,5 sol. 5% | --      | --     |
| Kinematic viscosity:                                      | N.A.            | --      | --     |
| Solubility in water:                                      | soluble         | --      | --     |

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|  |             |    |    |
|--|-------------|----|----|
| Solubility in oil:                                 | unavailable | -- | -- |
| Partition coefficient n-octanol/water (log value): | n.d.        | -- | -- |
| Vapour pressure:                                   | N.A.        | -- | -- |
| Density and/or relative density:                   | n.d.        | -- | -- |
| Relative vapour density:                           | N.A.        | -- | -- |
| Particle characteristics:                          |             |    |    |
| Particle size:                                     | N.A.        | -- | -- |

9.2. Other information

| Properties            | Value          | Method: | Notes: |
|-----------------------|----------------|---------|--------|
| Explosive properties: | not applicable | --      | --     |
| Oxidizing properties: | not applicable | --      | --     |

## SECTION 10: Stability and reactivity

- 10.1. Reactivity  
Stable under normal conditions
- 10.2. Chemical stability  
Stable under normal conditions
- 10.3. Possibility of hazardous reactions  
None
- 10.4. Conditions to avoid  
Stable under normal conditions.
- 10.5. Incompatible materials  
Avoid the contact with strong oxidising agents
- 10.6. Hazardous decomposition products  
Carbon Oxides

## SECTION 11: Toxicological information

- 11.1. Information on hazard classes as defined in Regulation (EC) No 1272/2008  
 Toxicological information of the substance:  
 Alcohols, C16-18, ethoxylated (  $\geq 15$  -  $\leq 25$  EO ) - CAS: 68439-49-6
  - a) acute toxicity  
 Not classified  
 Based on available data, the classification criteria are not met  
 Test: LD50 - Route: Oral - Species: Rat > 2000 mg/kg - Source: CESIO
  - b) skin corrosion/irritation  
 Not classified  
 Based on available data, the classification criteria are not met  
 Test: Skin Irritant - Route: Skin - Species: Rabbit Negative - Duration: 4h - Source: CESIO
  - c) serious eye damage/irritation  
 The product is classified: Eye Irrit. 2 H319  
 Test: Eye Irritant - Route: Eyes - Species: Rabbit Positive - Source: CESIO
  - d) respiratory or skin sensitisation  
 Not classified  
 Based on available data, the classification criteria are not met

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Test: Respiratory Tract Irritant - Route: Skin Negative - Source: CESIO

e) germ cell mutagenicity

Not classified

Based on available data, the classification criteria are not met

f) carcinogenicity

Not classified

Based on available data, the classification criteria are not met

g) reproductive toxicity

Not classified

Based on available data, the classification criteria are not met

h) STOT-single exposure

Not classified

Based on available data, the classification criteria are not met

i) STOT-repeated exposure

Not classified

Based on available data, the classification criteria are not met

j) aspiration hazard

Not classified

Based on available data, the classification criteria are not met

#### 11.2. Information on other hazards

Endocrine disrupting properties:

This substance has no endocrine disrupting properties

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## SECTION 12: Ecological information

### 12.1. Toxicity

Adopt good working practices, so that the product is not released into the environment.

Alcohols, C16-18, ethoxylated ( > = 15 - < = 25 EO ) - CAS: 68439-49-6

Not classified for environmental hazards

Based on available data, the classification criteria are not met

a) Aquatic acute toxicity:

Endpoint: LC50 - Species: Carassius Auratus > 100 mg/l - Duration h: 96 - Notes: CESIO

Endpoint: EC50 - Species: Daphnia > 100 mg/l - Duration h: 48 - Notes: CESIO

### 12.2. Persistence and degradability

This surfactant complies with the biodegradability criteria as laid down in Regulation (EC) No.648/2004 on detergents. Data to support this assertion are held at the disposal of the competent authorities of the Member States and will be made available to them, at their direct request or at the request of a detergent manufacturer.

Alcohols, C16-18, ethoxylated ( > = 15 - < = 25 EO ) - CAS: 68439-49-6

Biodegradability: Readily biodegradable - Duration: 28d - %: 60

### 12.3. Bioaccumulative potential

N.A.

### 12.4. Mobility in soil

N.A.

### 12.5. Results of PBT and vPvB assessment

vPvB Substances: None - PBT Substances: None

### 12.6. Endocrine disrupting properties

No endocrine disruptor substances present in concentration >= 0.1%

### 12.7. Other adverse effects

None

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## SECTION 13: Disposal considerations

### 13.1. Waste treatment methods

Recover if possible or confer to authorized plants or to incineration in controlled conditions. For handling and provisions in case of accidental dispersion of the waste refer to the general indication given in the sections 6 and 7. Give back containers to Supplier. In any case, evaluate the composition

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of the waste itself. Work in compliance with local and national dispositions.

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**SECTION 14: Transport information**

- 14.1. UN number or ID number  
Not classified as dangerous in the meaning of transport regulations.
- 14.2. UN proper shipping name  
N.A.
- 14.3. Transport hazard class(es)  
N.A.
- 14.4. Packing group  
N.A.
- 14.5. Environmental hazards  
N.A.
- 14.6. Special precautions for user  
N.A.
- 14.7. Maritime transport in bulk according to IMO instruments  
N.A.

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**SECTION 15: Regulatory information**

- 15.1. Safety, health and environmental regulations/legislation specific for the substance or mixture
  - Dir. 98/24/EC (Risks related to chemical agents at work)
  - Dir. 2000/39/EC (Occupational exposure limit values)
  - Regulation (EC) n. 1907/2006 (REACH)
  - Regulation (EC) n. 1272/2008 (CLP)
  - Regulation (EC) n. 790/2009 (ATP 1 CLP) and (EU) n. 758/2013
  - Regulation (EU) n. 2020/878
  - Regulation (EU) n. 286/2011 (ATP 2 CLP)
  - Regulation (EU) n. 618/2012 (ATP 3 CLP)
  - Regulation (EU) n. 487/2013 (ATP 4 CLP)
  - Regulation (EU) n. 944/2013 (ATP 5 CLP)
  - Regulation (EU) n. 605/2014 (ATP 6 CLP)
  - Regulation (EU) n. 2015/1221 (ATP 7 CLP)
  - Regulation (EU) n. 2016/918 (ATP 8 CLP)
  - Regulation (EU) n. 2016/1179 (ATP 9 CLP)
  - Regulation (EU) n. 2017/776 (ATP 10 CLP)
  - Regulation (EU) n. 2018/669 (ATP 11 CLP)
  - Regulation (EU) n. 2018/1480 (ATP 13 CLP)
  - Regulation (EU) n. 2019/521 (ATP 12 CLP)
  - Regulation (EU) n. 2020/217 (ATP 14 CLP)
  - Regulation (EU) n. 2020/1182 (ATP 15 CLP)
  - Regulation (EU) n. 2021/643 (ATP 16 CLP)
  - Regulation (EU) n. 2021/849 (ATP 17 CLP)
  - Regulation (EU) n. 2022/692 (ATP 18 CLP)
- Restrictions related to the product or the substances contained according to Annex XVII Regulation (EC) 1907/2006 (REACH) and subsequent modifications:
  - Restrictions related to the product:
    - Restriction 3
  - Restrictions related to the substances contained:
    - No restriction.
- Where applicable, refer to the following regulatory provisions :
  - Directive 2012/18/EU (Seveso III)
  - Regulation (EC) nr 648/2004 (detergents).
  - Dir. 2004/42/EC (VOC directive)
- Provisions related to directive EU 2012/18 (Seveso III):
  - N.A.
- Regulation (EU) 2019/1148

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15.2. Chemical safety assessment

No Chemical Safety Assessment has been carried out for the substance.

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**SECTION 16: Other information**

| Hazard class and hazard category | Code  | Description                |
|----------------------------------|-------|----------------------------|
| Eye Irrit. 2                     | 3.3/2 | Eye irritation, Category 2 |

Paragraphs modified from the previous revision:

SECTION 1: Identification of the substance/mixture and of the company/undertaking  
SECTION 2: Hazards identification  
SECTION 9: Physical and chemical properties  
SECTION 12: Ecological information  
SECTION 15: Regulatory information

This document was prepared by a competent person who has received appropriate training.

Main bibliographic sources:

CESIO – Classification and Labelling of Surfactants as “Dangerous for the Environment” (Ed. 03/2017)  
ECDIN - Environmental Chemicals Data and Information Network - Joint Research Centre,  
Commission of the European Communities  
SAX's DANGEROUS PROPERTIES OF INDUSTRIAL MATERIALS - Eight Edition - Van Nostrand  
Reinold

Legend :

n.d. = not available

n.a. = not applicable

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