



**INDUSTRIA CHIMICA PANZERI SRL**  
**Safety Data Sheet**  
**CESTOPAL 12 M**



13 rue Louis Blériot  
77290 COMPANS

ALCOOL GRAS ETHOXYLE C16/18 + 12 EO

**Safety Data Sheet dated, 22/7/2024 , 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 12 M  
Other trade names: CESTOPAL 12 M RSPO MB  
Trade code: CE0055  
Name INCI : CETEARETH - 12  
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:

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, Acute Tox. 4, Harmful if swallowed.

⚠ Danger, Eye Dam. 1, Causes serious eye damage.

Adverse physicochemical, human health and environmental effects:

No other hazards

2.2. Label elements

CE0055/13

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Hazard pictograms:



Danger

Hazard statements:

H302 Harmful if swallowed.

H318 Causes serious eye damage.

Precautionary statements:

P264 Wash skin Thoroughly after handling.

P270 Do not eat, drink or smoke when using this product.

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

P301+P312 IF SWALLOWED: Call a POISON CENTRE/doctor/... if you feel unwell.

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/doctor/

P330 Rinse mouth.

P501 Dispose of contents/container in accordance with applicable regulations.

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 ( $\geq 11$  -  $< 15$  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.

OBTAIN IMMEDIATE MEDICAL ATTENTION.

Wash thoroughly the body (shower or bath).

Remove contaminated clothing immediately and dispose off safely.

In case of eyes contact:

Wash immediately and thoroughly with running water, keeping eyelids raised, for at least 10 minutes.

Following this, protect the eyes with sterile gauze or a clean, dry, handkerchief. OBTAIN A MEDICAL EXAMINATION.

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.

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Give nothing to eat or drink.

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 (CO2).

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

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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

Incompatible materials:

None in particular.

Instructions as regards storage premises:

Adequately ventilated premises.

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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.

##### 8.2. Exposure controls

Eye protection:

Basket eye glasses.

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

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#### SECTION 9: Physical and chemical properties

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

Properties	Value	Method:	Notes
Physical state:	Wax	--	--
Colour:	white to slightly straw yellow	--	--
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.	--	--

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Flash point:	> 125°C	--	--
Auto-ignition temperature:	n.d.	--	--
Decomposition temperature:	N.A.	--	--
pH:	5 - 7 sol. 5%	--	--
Kinematic viscosity:	N.A.	--	--
Solubility in water:	soluble	--	--
Solubility in oil:	n.d.	--	--
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:	n.a.	--	--
Oxidizing properties:	n.a.	--	--

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**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

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**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 ( $\geq 11$  -  $< 15$  EO) - CAS: 68439-49-6
    - a) acute toxicity

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The product is classified: Acute Tox. 4 H302

Test: LD50 - Route: Oral - Species: Rat = 300-2000 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 Dam. 1 H318

Test: Eye Corrosive - Route: Eyes - Species: Rabbit Positive - Source: CESIO

d) respiratory or skin sensitisation

Not classified

Based on available data, the classification criteria are not met

Test: Skin Sensitization - 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 ( $\geq 11$  -  $< 15$  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

Alcohols, C16-18, ethoxylated ( $\geq 11$  -  $< 15$  EO) - CAS: 68439-49-6

Biodegradability: Readily biodegradable - Test: Method OECD 301/F - Duration h: 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  $\geq 0.1\%$

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- 12.7. Other adverse effects  
None

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#### SECTION 13: Disposal considerations

13.1. Waste treatment methods

Recover, if possible. Send to authorised disposal plants or for incineration under controlled conditions. In so doing, comply with the local and national regulations currently in force.  
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. In any case, evaluate the composition 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

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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

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
Acute Tox. 4	3.1/4/Oral	Acute toxicity (oral), Category 4
Eye Dam. 1	3.3/1	Serious eye damage, Category 1

Paragraphs modified from the previous revision:

SECTION 1: Identification of the substance/mixture and of the company/undertaking  
SECTION 2: Hazards identification  
SECTION 3: Composition/information on ingredients  
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:

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

The information contained herein is based on our state of knowledge at the above-specified date. It refers solely to the product indicated and constitutes no guarantee of particular quality.

It is the duty of the user to ensure that this information is appropriate and complete with respect to the specific use intended.

This MSDS cancels and replaces any preceding release.