



Allergens Statement

Emulsifying Wax Cetearyl Alcohol/ Ceteareth 20

We declare that,

None of 26 allergens listed in 1223/2009 Regulation has been added to the above-mentioned product

FRAGRANCE ALLERGENS (as of EU Regulation 1223/2009 Annex III, No. 67-92, are not present

FOOD ALLERGENS (as of EU Directive 2000/13/EC – as amended -, Annex IIIa, and EU Regulation 1169/2011, Annex II, are not present

This declaration is based to the best of our knowledge about raw materials, process of synthesis and equipment used. We do not perform analysis to evaluate the possible presence of these contaminants in each production lot.

13/12/2022



CMR Statement

Emulsifying Wax Cetearyl Alcohol/ Ceteareth 20

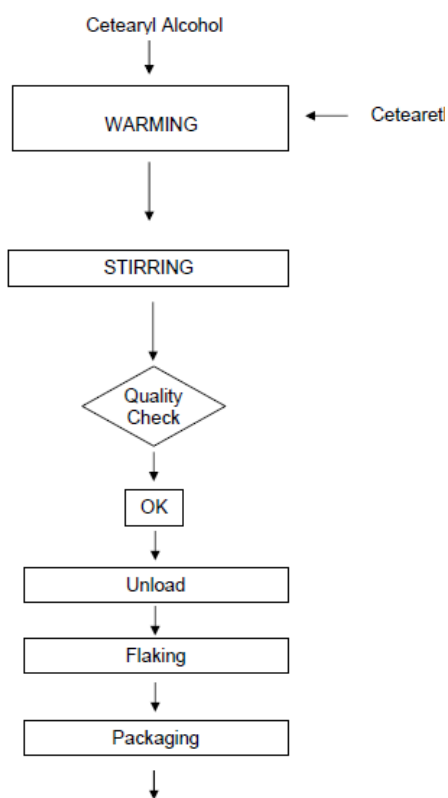
We hereby confirm that Emulsifying Wax Cetearyl Alcohol/ Ceteareth 20 does not contain any Dioxanes or CMR (Carcinogenic, Mutagenic, Toxic to Reproduction) substances as listed according to Regulation (EC) No 1907/2006 of The European Parliament.

13/12/2022



Manufacturing Flow Chart

CETEARYL ALCOHOL and CETEARETH-20



Primesurf CAC20

17/03/2023



GMO Free Statement

Emulsifying Wax Cetearyl Alcohol/ Ceteareth 20

We can declare and certify that Emulsifying Wax Cetearyl Alcohol/ Ceteareth 20 (INCI: Cetearyl alcohol, Ceteareth-20) is not GMO (Genetically modified organisms) or derivatives of GMO's are not used in the manufacturing process.

13/12/2022



INCI & REACH Statement

Emulsifying Wax Cetearyl Alcohol/ Ceteareth 20

To the best of our knowledge, the components of Emulsifying Wax Cetearyl Alcohol/ Ceteareth 20 are as follows in the table below.

INCI Composition

INCI	CAS No	Composition	REACH Registration
Cetearyl Alcohol	67762-27-0	≥ 50%	01-2120092297-47-XXXX
Ceteareth-20	68439-49-6	≥10% ≤25 %	Polymer

26/04/2022

SAFETY DATA SHEET

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

1.1 Product identifier

- Product Name: Emulsifying Wax Cetearyl Alcohol/ Ceteareth 20
- Chemical Name: Alcohols, C16-18, ethoxylated ($\geq 15 \leq 25$ EO)
- INCI Name: CETEARYL ALCOHOL and CETEARETH - 20
- CAS Number: 68439-49-6
- EC Number:
- REACH Registration Number:
- Synonyms:
- Chemical Description: Cetearyl alcohol (and) Ceteareth-20

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

- Use of the substance/mixture: Industrial auxiliary, For cosmetics and toiletry.

1.3 Details of the supplier of the safety data sheet

Ekokoza s.r.o.
Fryčovice 297
73945, Fryčovice
eshop@ekokoza.cz
+420605779993
IČ:07508247

Emergency telephone number

Nouzové telefonní číslo: +420224919293 , +420224915402 (telefon 24hod/
denně) Toxikologické informační středisko, Na Bojišti 1, 128 08 Praha2)

SECTION 2: Hazards identification

2.1 Classification of the substance or mixture

- CLP:
- Classification according to EC Regulation Criteria 1272/2008 (CLP)
 - Eye Irrit. 2
 - H319 - Causes serious eye irritation.
 - Adverse physiochemical, human health and environmental effects: No other hazards

2.2 Label elements



- Signal Word: Warning

SECTION 2: Hazards identification (....)

2.2.1 Hazard statements

H319 - Causes serious eye irritation.

2.2.2 Precautionary statements

P264 - Wash thoroughly after handling.

P280 - Wear protective gloves/protective clothing/eye protection/face 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

- vPvB Substances: None
- PBT Substances: None

SECTION 3: Composition/information on ingredients

3.1 Substances

- Not applicable

3.2 Mixtures

3.2.1 Alcohols, C16-18, ethoxylated ($\geq 15 \leq 25$ EO)

$\geq 20\%$ - Alcohols, C16-18, CAS: 68439-49-6 3.3/2 Eye Irrit. 2 H319

SECTION 4: First aid measures

4.1 Description of first aid measures

4.1.1 Contact with eyes

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

Following this: Protect the eyes with a sterile gauze or a clean, dry hankerchief

OBTAIN A MEDICAL EXAMINATION

Protect uninjured eye.

4.1.2 Contact with skin

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

Wash thoroughly the body (shower or bath)

Remove contaminated clothing immediately and dispose of safely.

4.1.3 Ingestion

SECTION 4: First aid measures (....)

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

Give nothing to eat or drink

4.1.4 Inhalation

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

In case of inhalation, consult a doctor immediately and show packaging or label.

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 un-wellness, seek medical advice immediately (show directions for use and safety data sheet if possible).
-

SECTION 5: Firefighting measures

5.1 Extinguishing media

- Suitable extinguishing media: Water, Carbon dioxide (CO₂).
- Unsuitable extinguishing media: 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.
-

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 of 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
-

SECTION 6: Accidental release measures (....)

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
-

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 operation, assure that there aren't any incompatible material residuals in the containers.
- Contaminated clothing should be changed before entering eating areas.
- Do not eat or drink while working.
- See also section 8 for recommended protective equipment

7.2 Conditions for safe storage, including any incompatibilities

- Compatible Materials: Stainless steel, polyethylene, paper
- Avoid temperatures: $>70^{\circ}\text{C}$ $^{\circ}\text{C}$ (melted substance)
- Incompatible materials ; None in particular.
- Instructions as regards storage premises : Adequately ventilated premises.

7.3 Specific end use(s)

- See Section 1.2
 - None in particular
 - See Section 1
-

SECTION 8: Exposure controls/personal protection

8.1 Control parameters

- None

8.1.1 DNEL/DMEL

8.1.2 PNEC

8.2 Exposure controls



Gloves



Goggles



Suit

SECTION 8: Exposure controls/personal protection (....)

- Eye protection: Eye glasses
- Protection for skin: Overall

Protection for hands:

Chemicals 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 practises of work
- Appropriate Engineering Controls: None

8.3 Environmental exposure controls

SECTION 9: Physical and chemical properties

9.1 Information on basic physical and chemical properties

- Appearance: Flakes
- Colour: White
- Odour: Typical
- pH: 6 - 8 sol. 1%
- Melting point/Range: C.a 50°C
- Boiling Point/Range: >250°C
- Flash Point: >125°C
- Solubility in water: Dispersible
- Relative density Not determined
- Decomposition temperature > 200°C
- Flammability: N/a
- Relative Density: N/a
- Upper/lower flammable or explosive limits N/a
- Vapour Pressure: Not applicable
- Vapour Density: N/a
- Partition Coefficient (n-Octanol/Water): N.a
- Auto-Ignition Temperature: N.a

9.2 Other information

- Not determined
-

SECTION 10: Stability and reactivity

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 powerful oxidising agents

10.6 Hazardous decomposition products

- It may generate irritant/toxic mists/gases
-

SECTION 11: Toxicological information

11.1 Information on toxicological effects

If not differently specified, the information required in Regulation (EU)2015/830 listed below must be considered as N.A.:

Toxicological information of the product:

Primesurf CAC20

Acute Toxicity

Not classified

Based on available data, the classification criteria are not met

11.2 Serious eye damage/irritation

serious eye damage/irritation:

The product is classified: Eye Irrit. 2 H319

11.3 Skin corrosion/irritation

Not classified

Based on available data, the classification criteria are not met

11.4 Ingestion

Not classified

Based on available data, the classification criteria are not met

11.5 Inhalation

respiratory or skin sensitisation:

Not classified

Based on available data, the classification criteria are not met

11.6 Carcinogenicity

- Not Classified
 - Based on available data, the classification criteria are not met.
-

SECTION 11: Toxicological information (....)

11.7 Germ cell mutagenicity

- Not Classified
- Based on available data, the classification criteria are not met.

11.8 Teratogenicity

- Not Classified
 - Based on available data, the classification criteria are not met.
-

SECTION 12: Ecological information

12.1 Toxicity

Degradability : The product is biodegradable according to OECD methods to be used in cleaning products as required by Regulation EC N° 648/2004

COD : n.d.

CL50 - see below

EC50 - see below

- AOX: None

- Heavy Metals: None

Primesurf CAC20

Not classified for environmental hazards

Based on available data, the classification criteria are not met

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

a) Aquatic acute toxicity:

- LC50 (Carassius Auratus) (96h) 100 mg/l

- EC50 (Daphnia) (48h) (100mg/l)

12.2 Persistence and degradability

Biodegradability: Readily biodegradable - Test: Method OECD 301 - Duration: 28d > - %: 60 -

Notes: Read Across

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

Biodegradability: Not persistent and Biodegradable - Test: N.A. - Duration: 28d > - %: 60 -

Notes: Easily biodegradable

12.3 Bioaccumulative potential

- Not determined

12.4 Mobility in soil

- Not determined

12.5 Results of PBT and vPvB assessment

- No data

12.6 Other adverse effects

- None
-

SECTION 13: Disposal considerations

13.1 Waste treatment methods

- Avoid release to the environment. Refer to special instructions/Safety data sheets
 - Disposal should be in accordance with local, state or national legislation
 - 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.
-

SECTION 14: Transport information

14.1 UN number or ID number

- UN No.: Not classified as dangerous in the meaning of transport regulations.

14.2 UN proper shipping name

- Proper Shipping Name: Not applicable

14.3 Transport hazard class(es)

- Hazard Class: Not applicable

14.4 Packing group

- Packing Group: Not applicable

14.5 Environmental hazards

- Not applicable

14.6 Special precautions for user

- Not applicable

14.7 Transport in bulk according to Annex II of Marpol and the IBC Code

- Not applicable
-

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) 2015/830
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)
Restrictions related to the product or the substances contained according to Annex XVII Regulation (EC)

SECTION 15: Regulatory information (....)

1907/2006 (REACH) and subsequent modifications:

Restrictions related to the product:

No restriction.

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):

Seveso III category according to Annex 1, part 1

None

15.2 Chemical safety assessment

- No

SECTION 16: Other information

The data contained in this safety data sheet are based on our current knowledge and experience and describe the product only with regard to safety requirements. The data do not describe the product's properties (product specification). Neither should any agreed property nor the suitability of the product for any specific purpose be deduced from the data contained in the safety data sheet. It is the responsibility of the recipient of the product to ensure any proprietary rights and existing laws and legislation are observed.

--- end of safety datasheet ---

Product Specification

CETEARYL ALCOHOL and CETEARETH-20

INCI: CETEARYL ALCOHOL and CETEARETH-20

Description: Blend of fatty alcohol C 16-C 18 and fatty alcohol
ethoxylated **CAS number:** 67762-27-0 and 68439-49-6

EC number: 267-008-6 and Polymer

INCI	Composition	CAS number	EC number
CETEARYL ALCOHOL	≥ 50%	67762-27-0	267-008-6
CETEARETH-20	≥10% ≤25 %	68439-49-6	Polymer

Test parameter	Unit	Specification
Appearance at 25°C		flakes
Colour		white
Water (K.F)	%	1 max
Amine value	mg KOH/g	0.5 max
Acid number	mg KOH/g	0.5 max
Hydroxyl number	mg KOH/g	170 – 185
Saponification value		1 max
PH water sol. 5%		5 – 7

Additional information

Dropping point

48 - 53°C

Raw material basis

Vegetable (coconut/palm kernel/palm oil)
Petrochemical (ethylene oxide)

Self-emulsifying base for cosmetic
preparations

Storage, packaging and handling**Storage temperature**

0 - +30 °C, in original sealed packing and protect from moisture

Shelf life

24 months

Additional Notes

Note	Information
Allergens	None of 26 allergens listed in 1223/2009 Regulation has been added to above mentioned product
Animal testing	Following Art. 18 of Cosmetic Regulation (EC) N° 1223/2009 indication, the product has never been tested by the product has never been tested by Prime Surfactants Ltd on animal nor has anyone been Commissioned by Prime Surfactants Ltd to test this product on animals
Antioxidants	Not present
BSE	Free
CMR	The product contains CMR substances, categories 1 A, 1 B or 2 as defined in Regulation (EC) N° 1272/2008 part 3, Annex VI and in Cosmetic Regulation (EC) N° 1223/2009. Standard values: Ethylene Oxide < 1 ppm 1,4 Dioxane < 5 ppm (not checked on each product lots) Technically unavoidable CMR impurities resulting from our qualified manufacturing process (alkoxylation)
Ethanol	Free
Microplastic	Free
GMO	Free
Heavy metals	Meets the legal requirement Max 10 ppm
Lactose, latex & gluten	Free
Nano material	The product is free from Nano material as defined in Art. 2 (K) and Art. 16 of Cosmetic Regulation (EC) N° 1223/2009
Pesticides	Based on our actual knowledge we do not expect pesticides to be present
Phthalates	Based on our actual knowledge we do not expect phthalates to be present
Polycyclic aromatic hydrocarbons	Based on our actual knowledge we do not expect polycyclic aromatic hydrocarbons to be present
Preservatives	Not present
Solvents	Not present
SVHC	Not present not present above 0,1% concentration limit

Vegan and Vegetarian Statement

Emulsifying Wax Cetearyl Alcohol/ Ceteareth 20

We declare and certify that Emulsifying Wax Cetearyl Alcohol/ Ceteareth 20 product is derived from vegetal and petrochemical and is free from animal, animal part or derivatives, therefore our product is suitable for vegan-vegetarians.

26/03/2022