

Cetearyl Alcohol 50/50 - OGR17

Safety Data Sheet

according to Regulation (EC) No. 1907/2006 (REACH) with its amendment Regulation (EU) 2020/878
Revision date: 12-09-2022 Supersedes version of: 07-12-2020 Version: 2.0

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

1.1. Product identifier

Product form	: Substance
Substance name	: Cetearyl Alcohol - OGR17
Chemical name	: Alcohols, C16-18
EC-No.	: 267-008-6
CAS-No.	: 67762-27-0
Product code	: SQ313464-17

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

1.2.1. Relevant identified uses

Industrial/Professional use spec	: Industrial use Consumer
Use of the substance/mixture	: Oleochemical base material Detergents
Function or use category	: Cosmetics

1.2.2. Uses advised against

No additional information available

1.3. Details of the supplier of the safety data sheet

Supplier

SoapQueen Europe
Veilingdreef 20
4614RX Bergen op Zoom
Nederland
website: www.soapqueen.nl
E-mail: admin@soapqueen.nl

1.4. Emergency telephone number

Emergency number	: Nationaal Vergiftigingen Informatie Centrum (NVIC): 088 755 8000
	: EUROPE: +44 1235 239670
	: REST OF THE WORLD - +44 1865 407333 (English only)

SECTION 2: Hazards identification

2.1. Classification of the substance or mixture

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

Not classified

Adverse physicochemical, human health and environmental effects

To our knowledge, this product does not present any particular risk, provided it is handled in accordance with good occupational hygiene and safety practice.

2.2. Label elements

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

No labelling applicable

2.3. Other hazards

This substance/mixture does not meet the PBT criteria of REACH regulation, annex XIII
This substance/mixture does not meet the vPvB criteria of REACH regulation, annex XIII
Contains no PBT/vPvB substances $\geq 0.1\%$ assessed in accordance with REACH Annex XIII

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SECTION 3: Composition/information on ingredients

3.1. Substances

Chemical name : Alcohols, C16-18
CAS-No. : 67762-27-0
EC-No. : 267-008-6

Name	Product identifier	Conc. %	Classification according to Regulation (EC) No. 1272/2008 [CLP]
Cetyl alcohol	CAS-No.: 36653-82-4 EC-No.: 253-149-0 REACH-no: 01-2119485905-24-XXXX	> 25 - < 75	Not classified
Stearyl alcohol	CAS-No.: 112-92-5 EC-No.: 204-017-6 REACH-no: 01-2119485907-20-XXXX	> 25 - < 75	Not classified

3.2. Mixtures

Not applicable

SECTION 4: First aid measures

4.1. Description of first aid measures

First-aid measures general : In all cases of doubt, or when symptoms persist, seek medical attention.
First-aid measures after inhalation : Remove person to fresh air and keep comfortable for breathing. If irritation persists, consult a doctor.
First-aid measures after skin contact : Gently wash with plenty of soap and water. If irritation persists, consult a doctor.
First-aid measures after eye contact : Rinse eyes with water as a precaution. Remove contact lenses, if present and easy to do. Continue rinsing. If eye irritation persists: Get medical advice/attention.
First-aid measures after ingestion : Rinse mouth. Do NOT induce vomiting. Call a poison center or a doctor if you feel unwell.

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

No additional information available

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

Treat symptomatically.

SECTION 5: Firefighting measures

5.1. Extinguishing media

Suitable extinguishing media : Water. Foam. Alcohol resistant foam. Fire-extinguishing powder.
Unsuitable extinguishing media : Do not use water jet.

5.2. Special hazards arising from the substance or mixture

Explosion hazard : Risk of dust explosion.
Hazardous decomposition products in case of fire : Toxic fumes may be released. Carbon oxides (CO, CO2).

5.3. Advice for firefighters

Protection during firefighting : Do not attempt to take action without suitable protective equipment. Self-contained breathing apparatus. Complete protective clothing. Fire residues and contaminated fire extinguishing water must be disposed of in accordance with local regulations.

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Other information : Co-ordinate firefighting measures to the fire surroundings. Do not allow firefighting water to enter drains or water courses. Collect contaminated firefighting water separately. Fight fire with normal precautions from a reasonable distance.

SECTION 6: Accidental release measures

6.1. Personal precautions, protective equipment and emergency procedures

6.1.1. For non-emergency personnel

Protective equipment : Wear protective clothing.
Emergency procedures : Ventilate spillage area. Avoid dust formation. Spills of this product present a serious slipping hazard. No flames, no sparks. Eliminate all sources of ignition. Wear breathing apparatus if exposed to vapours/dust/spray/gases.

6.1.2. For emergency responders

Protective equipment : Do not attempt to take action without suitable protective equipment. For further information refer to section 8: "Exposure controls/personal protection".

6.2. Environmental precautions

Avoid release to the environment. Remove from the water surface (e.g. skimming, sucking). Keep away from drains, surface and ground water, and soil. Retain contaminated washing water and dispose it.

6.3. Methods and material for containment and cleaning up

Methods for cleaning up : Mechanically recover the product.
Other information : Dispose of materials or solid residues at an authorized site. Ventilate area. Shut off all sources of fire. Report to relative agents.

6.4. Reference to other sections

For further information refer to section 13.

SECTION 7: Handling and storage

7.1. Precautions for safe handling

Additional hazards when processed : Layers, deposits and heaps of combustible dust must be considered, like any other source which can form a hazardous explosive atmosphere. Dust deposits may accumulate on all deposition surfaces in a technical room. Danger of dust explosion.
Precautions for safe handling : Ensure good ventilation of the work station. Wear personal protective equipment. Take precautionary measures against static discharge. Keep away from sources of ignition - No smoking.
Hygiene measures : Handle in accordance with good industrial hygiene and safety procedures. Do not eat, drink or smoke when using this product. Always wash hands after handling the product. Hand protection : skin cream may be used. Avoid contact with eyes, skin and clothing.

7.2. Conditions for safe storage, including any incompatibilities

Technical measures : Removal of dust deposits. Only vacuum cleaners containing no ignition sources may be used for combustible dusts.
Storage conditions : Store in a well-ventilated place. Keep cool. Store in original container. Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking.
Incompatible materials : Bases, oxidisers.
Storage temperature : ≤ 40 °C

7.3. Specific end use(s)

No additional information available

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SECTION 8: Exposure controls/personal protection

8.1. Control parameters

8.1.1 National occupational exposure and biological limit values

No additional information available

8.1.2. Recommended monitoring procedures

No additional information available

8.1.3. Air contaminants formed

No additional information available

8.1.4. DNEL and PNEC

Cetyl alcohol (36653-82-4)	
DNEL/DMEL (Workers)	
Long-term - systemic effects, dermal	125 mg/cm ³
Long-term - systemic effects, inhalation	220 mg/cm ³
DNEL/DMEL (General population)	
Long-term - systemic effects, oral	75 mg/cm ³
Long-term - systemic effects, inhalation	65 mg/cm ³
Long-term - systemic effects, dermal	75 mg/cm ³
PNEC (Water)	
PNEC aqua (freshwater)	0.002 mg/l
PNEC aqua (marine water)	0 mg/l
PNEC (Sediment)	
PNEC sediment (freshwater)	4.8 mg/kg
PNEC sediment (marine water)	0.48 mg/kg
PNEC (Soil)	
PNEC soil	4 mg/kg
PNEC (STP)	
PNEC sewage treatment plant	0 mg/l
Stearyl alcohol (112-92-5)	
PNEC (Water)	
PNEC aqua (freshwater)	0.002 mg/l
PNEC aqua (marine water)	0 mg/l
PNEC (Sediment)	
PNEC sediment (freshwater)	16 mg/kg
PNEC sediment (marine water)	1.6 mg/kg
PNEC (Soil)	
PNEC soil	13 mg/kg
PNEC (STP)	
PNEC sewage treatment plant	0 mg/l

8.1.5. Control banding

No additional information available

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8.2. Exposure controls

8.2.1. Appropriate engineering controls

Appropriate engineering controls:

Emergency eye wash fountains and safety showers should be available in the immediate vicinity of any potential exposure. Ensure good ventilation of the work station.

8.2.2. Personal protection equipment

Personal protective equipment:

Protective clothing. Gloves. Dust formation: dust mask. Safety glasses.

Personal protective equipment symbol(s):



8.2.2.1. Eye and face protection

Eye protection:

Wear eye/face protection

8.2.2.2. Skin protection

Skin and body protection:

Wear suitable protective clothing

Hand protection:

Protective gloves. Chemical protection gloves are suitable, which are tested according to EN 374. Check leak-tightness/impermeability prior to use. For special purposes, it is recommended to check the resistance to chemicals of the protective gloves mentioned above together with the supplier of these gloves.

Hand protection					
Type	Material	Permeation	Thickness (mm)	Penetration	Standard
	NBR: acrylonitrile-butadiene rubber	6 (> 480 minutes)	≥0.4		

Other skin protection

Materials for protective clothing:

Wear suitable protective clothing

8.2.2.3. Respiratory protection

Respiratory protection:

In case of insufficient ventilation, wear suitable respiratory equipment

Respiratory protection			
Device	Filter type:	Condition	Standard
	Type AP2, brown, white	An approved organic vapour respirator/supplied air or self-contained breathing apparatus must be used when vapour concentration exceeds applicable exposure limits	

8.2.2.4. Thermal hazards

No additional information available

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8.2.3. Environmental exposure controls

Environmental exposure controls:

Avoid release to the environment. Do not allow to enter into surface water or drains. Use appropriate container to avoid environmental contamination.

Other information:

Handle in accordance with good industrial hygiene and safety practice. Always wash hands after handling the product. Avoid contact with eyes, skin and clothing. Do not eat, drink or smoke when using this product. Keep away from food, drink and animal feeding stuffs.

SECTION 9: Physical and chemical properties

9.1. Information on basic physical and chemical properties

Physical state	: Solid
Colour	: white.
Appearance	: Waxy. Flakes. Pastilles.
Odour	: Soapy.
Odour threshold	: Not available
Melting point	: 53 °C
Freezing point	: Not applicable
Boiling point	: 331 – 360 °C
Flammability	: This material is combustible, but will not ignite readily
Explosive properties	: Risk of dust explosion.
Oxidising properties	: Non oxidizing.
Explosive limits	: Not applicable
Lower explosion limit	: Not applicable
Upper explosion limit	: Not applicable
Flash point	: 154 °C
Auto-ignition temperature	: 259 °C
Decomposition temperature	: Not available
pH	: Not available
pH solution	: Not available
Viscosity, kinematic	: Not applicable
Viscosity, dynamic	: 10 mPa.s (65°C)
Solubility	: Water: < 1 mg/l (23°C)
Partition coefficient n-octanol/water (Log Kow)	: > 6
Vapour pressure	: < 1 mm Hg (22°C)
Vapour pressure at 50 °C	: Not available
Density	: 0.805 g/cm ³ (70°C)
Relative density	: Not available
Relative vapour density at 20 °C	: Not applicable
Particle size	: Not available
Particle size distribution	: Not available
Particle shape	: Not available
Particle aspect ratio	: Not available
Particle aggregation state	: Not available
Particle agglomeration state	: Not available
Particle specific surface area	: Not available
Particle dustiness	: Not available

9.2. Other information

9.2.1. Information with regard to physical hazard classes

No additional information available

9.2.2. Other safety characteristics

No additional information available

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SECTION 10: Stability and reactivity

10.1. Reactivity

The product is non-reactive under normal conditions of use, storage and transport.

10.2. Chemical stability

Stable under normal conditions.

10.3. Possibility of hazardous reactions

Risk of dust explosion.

10.4. Conditions to avoid

Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking. Take precautionary measures against static discharge.

10.5. Incompatible materials

Bases, oxidisers.

10.6. Hazardous decomposition products

Carbon oxides (CO, CO₂).

SECTION 11: Toxicological information

11.1. Information on hazard classes as defined in Regulation (EC) No 1272/2008

Acute toxicity (oral) : Not classified (Based on available data, the classification criteria are not met)
Acute toxicity (dermal) : Not classified (Based on available data, the classification criteria are not met)
Acute toxicity (inhalation) : Not classified (Based on available data, the classification criteria are not met)

Cetyl alcohol (36653-82-4)

LD50 oral rat	> 2000 mg/kg (OECD 401)
LD50 dermal rabbit	> 2600 mg/kg

Stearyl alcohol (112-92-5)

LD50 oral rat	> 2000 mg/kg (OECD 401)
LD50 dermal rat	20000 mg/kg

Skin corrosion/irritation : Not classified (Based on available data, the classification criteria are not met)
Serious eye damage/irritation : Not classified (Based on available data, the classification criteria are not met)
Respiratory or skin sensitisation : Not classified (Based on available data, the classification criteria are not met)
Germ cell mutagenicity : Not classified (Based on available data, the classification criteria are not met)
Carcinogenicity : Not classified (Based on available data, the classification criteria are not met)
Reproductive toxicity : Not classified (Based on available data, the classification criteria are not met)
STOT-single exposure : Not classified (Based on available data, the classification criteria are not met)
STOT-repeated exposure : Not classified (Based on available data, the classification criteria are not met)
Aspiration hazard : Not classified (Based on available data, the classification criteria are not met)

Alcohols, C16-18 (67762-27-0)

Viscosity, kinematic	Not applicable
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11.2. Information on other hazards

11.2.1. Endocrine disrupting properties

Adverse health effects caused by endocrine disrupting properties : No additional information available

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11.2.2. Other information

No additional information available

SECTION 12: Ecological information

12.1. Toxicity

Ecology - general	: The product is not considered harmful to aquatic organisms nor to cause long-term adverse effects in the environment.
Hazardous to the aquatic environment, short-term (acute)	: Not classified (Based on available data, the classification criteria are not met)
Hazardous to the aquatic environment, long-term (chronic)	: Not classified (Based on available data, the classification criteria are not met)

Cetyl alcohol (36653-82-4)	
EL50, algae	690 mg/l (96h, Desmodesmus subspicatus, OECD 201)

Stearyl alcohol (112-92-5)	
EC50 - Crustacea [1]	1700 mg/l (48h, Daphnia magna, OECD 202)
EL50, algae	> 10 mg/l (96h, Desmodesmus subspicatus, OECD 201)

12.2. Persistence and degradability

Alcohols, C16-18 (67762-27-0)	
Persistence and degradability	Readily biodegradable.

Cetyl alcohol (36653-82-4)	
Biodegradation	82.4 % (28d, OECD 301B)

12.3. Bioaccumulative potential

Alcohols, C16-18 (67762-27-0)	
Partition coefficient n-octanol/water (Log Kow)	> 6

12.4. Mobility in soil

Alcohols, C16-18 (67762-27-0)	
Henry's constant	3.03 Pa m ³ /mol (25°C)

12.5. Results of PBT and vPvB assessment

Alcohols, C16-18 (67762-27-0)	
This substance/mixture does not meet the PBT criteria of REACH regulation, annex XIII	
This substance/mixture does not meet the vPvB criteria of REACH regulation, annex XIII	

12.6. Endocrine disrupting properties

Adverse effects on the environment caused by endocrine disrupting properties : Not listed

12.7. Other adverse effects

No additional information available

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SECTION 13: Disposal considerations

13.1. Waste treatment methods

- Waste treatment methods : Dispose of in accordance with relevant local regulations.
Sewage disposal recommendations : Do not empty into drains; dispose of this material and its container in a safe way.
Product/Packaging disposal recommendations : Handle contaminated packages in the same way as the product itself.

SECTION 14: Transport information

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

ADR	IMDG	IATA	ADN	RID
14.1. UN number or ID number				
Not regulated	Not regulated	Not regulated	Not regulated	Not regulated
14.2. UN proper shipping name				
Not regulated	Not regulated	Not regulated	Not regulated	Not regulated
14.3. Transport hazard class(es)				
Not regulated	Not regulated	Not regulated	Not regulated	Not regulated
14.4. Packing group				
Not regulated	Not regulated	Not regulated	Not regulated	Not regulated
14.5. Environmental hazards				
Not regulated	Not regulated	Not regulated	Not regulated	Not regulated
No supplementary information available				

14.6. Special precautions for user

Overland transport

Not regulated

Transport by sea

Not regulated

Air transport

Not regulated

Inland waterway transport

Not regulated

Rail transport

Not regulated

14.7. Maritime transport in bulk according to IMO instruments

Not applicable

SECTION 15: Regulatory information

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

15.1.1. EU-Regulations

REACH Annex XVII (Restriction List)

No REACH Annex XVII restrictions

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REACH Annex XIV (Authorisation List)

Alcohols, C16-18 is not on the REACH Annex XIV List

REACH Candidate List (SVHC)

Alcohols, C16-18 is not on the REACH Candidate List

PIC Regulation (Prior Informed Consent)

Alcohols, C16-18 is not subject to Regulation (EU) No 649/2012 of the European Parliament and of the Council of 4 July 2012 concerning the export and import of hazardous chemicals.

POP Regulation (Persistent Organic Pollutants)

Alcohols, C16-18 is not subject to Regulation (EU) No 2019/1021 of the European Parliament and of the Council of 20 June 2019 on persistent organic pollutants

Ozone Regulation (1005/2009)

Blanova Cetearyl Alcohol 50/50 RSPO MB is not subject to REGULATION (EU) No 1005/2009 OF THE EUROPEAN PARLIAMENT AND OF THE COUNCIL of 16 September 2009 on substances that deplete the ozone layer.

Seveso Directive (Disaster Risk Reduction)

Seveso Additional information : Not applicable

Explosives Precursors Regulation (2019/1148)

Contains no substance subject to Regulation (EU) 2019/1148 of the European Parliament and of the Council of 20 June 2019 on the marketing and use of explosives precursors.

Drug Precursors Regulation (273/2004)

Contains no substance(s) listed on the Drug Precursors list (Regulation EC 273/2004 on drug precursors)

15.1.2. National regulations

No additional information available

15.2. Chemical safety assessment

No chemical safety assessment has been carried out

SECTION 16: Other information

Indication of changes			
Section	Changed item	Change	Comments
	SDS Format	Modified	SDS EU format according to COMMISSION REGULATION (EU) 2020/878
11	Adverse health effects caused by endocrine disrupting properties	Added	
12.6	Adverse effects on the environment caused by endocrine disrupting properties	Added	

Abbreviations and acronyms:

ADN	European Agreement concerning the International Carriage of Dangerous Goods by Inland Waterways
ADR	European Agreement concerning the International Carriage of Dangerous Goods by Road
ATE	Acute Toxicity Estimate
BLV	Biological limit value
CAS-No.	Chemical Abstract Service number
CLP	Classification Labelling Packaging Regulation; Regulation (EC) No 1272/2008
DMEL	Derived Minimal Effect level
DNEL	Derived-No Effect Level

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Abbreviations and acronyms:	
EC50	Median effective concentration
EC-No.	European Community number
EN	European Standard
IATA	International Air Transport Association
IMDG	International Maritime Dangerous Goods
LC50	Median lethal concentration
LD50	Median lethal dose
LOAEL	Lowest Observed Adverse Effect Level
NOAEC	No-Observed Adverse Effect Concentration
NOAEL	No-Observed Adverse Effect Level
NOEC	No-Observed Effect Concentration
OEL	Occupational Exposure Limit
PBT	Persistent Bioaccumulative Toxic
PNEC	Predicted No-Effect Concentration
REACH	Registration, Evaluation, Authorisation and Restriction of Chemicals Regulation (EC) No 1907/2006
RID	Regulations concerning the International Carriage of Dangerous Goods by Rail
SDS	Safety Data Sheet
vPvB	Very Persistent and Very Bioaccumulative
WGK	Water Hazard Class

Safety Data Sheet (SDS), EU

This information is based on our current knowledge and is intended to describe the product for the purposes of health, safety and environmental requirements only. It should not therefore be construed as guaranteeing any specific property of the product.