Import and distrubition for Serbia: Avena Lab - Farmadria d.o.o.
info@avenalab.com
+381 (0) 69 / 55 65 029
www.avenalab.com

SODIUM CETEARYL SULFATE

1. IDENTIFICATION

Product Name: Sodium Cetearyl Sulfate
INCI Name: Sodium Cetearyl Sulfate
Chemical name: Alcohol sulfate mono-C16-18, sodium salt
CAS#: 68955-20-4

Product Form: White granules
Product Use: Cosmetic use

Supplier of MSDS: Avena Lab, Farmadria d.o.o.
Address: Heroja Pinkija 44, Vršac
Telephone: +381(0)695565028 or +381(0)695565029
Website: www.avenalab.com
Email: info@avenalab.com

2. HAZARD(S) IDENTIFICATION

Classification of the substance or mixture
According to Regulation (EC) No 1272/2008 [CLP]
Skin Corr./Irrit. 2 H315 Causes skin irritation.
Eye Dam./Irrit. 1 H318 Causes serious eye damage.
Aquatic Chronic 3 H412 Harmful to aquatic life with long lasting effects.
Specific Concentration Limits According to Regulation (EC) No 1272/2008 [CLP]
Eye Dam./Irrit. 2: 20 - 55 %
Eye Dam./Irrit. 1: > 55 %
Skin Irrit. 2: > 55 %
Pictogram:

Signal Word: Danger
Hazard Statement: H318 Causes serious eye damage.
H315 Causes skin irritation.
H412 Harmful to aquatic life with long lasting effects.
Precautionary Statements (Prevention):
P280 Wear protective gloves and eye protection or face protection.
P273 Avoid release to the environment.
P264 Wash contaminated body parts thoroughly after handling.
Precautionary Statements (Response):
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 or physician.
P303 + P352 IF ON SKIN (or hair): Wash with plenty of soap and water.
P362 + P364 Take off contaminated clothing and wash it before reuse.

Precautionary Statements (Disposal):

P501 Dispose of contents and container to hazardous or special waste collection point.

3. COMPOSITION/INFORMATION ON INGREDIENTS

Chemical Name	CAS number	Weight %	Molecular Weight
Sodium Cetearyl Sulfate	68955-20-4	n/a	360.00 g/mol

4. FIRST-AID MEASURES

Eyes: Rinse immediately with plenty of running water (for 10 minutes), seek medical attention from a specialist.

Inhalation: Not relevant.

Skin: After contact with skin, wash immediately with plenty of water and soap. Change contaminated clothing and shoes.

Ingestion: Immediately rinse mouth and then drink 200-300 ml of water, seek medical attention.

5. FIRE-FIGHTING MEASURES

Extinguishing media

Suitable extinguishing media: water spray, dry powder, foam
Unsuitable extinguishing media for safety reasons: carbon dioxide

Special hazards arising from the substance or mixture

Endangering substances: harmful vapours
Advice: Evolution of fumes/fog. The substances/groups of substances mentioned can be released in case of fire.

Advice for fire-fighters

Further information: Dispose of fire debris and contaminated extinguishing water in accordance with official regulations

6. ACCIDENTAL RELEASE MEASURES

Personal precautions, protective equipment and emergency procedures
Use personal protective clothing.

Environmental precautions
Do not discharge into drains/surface waters/groundwater.

Methods and material for containment and cleaning up
For small amounts: Pick up with suitable appliance and dispose of.
For large amounts: Pick up with suitable appliance and dispose of.
Avoid raising dust. Dispose of absorbed material in accordance with regulations.

Reference to other sections
Information regarding exposure controls/personal protection and disposal considerations can be found in section 8 and 13.

7. HANDLING AND STORAGE

Precautions for safe handling
Handle in accordance with good industrial hygiene and safety practice.
Protection against fire and explosion:
Avoid dust formation. Take precautionary measures against static discharges. Avoid all sources of ignition: heat, sparks, open flame.

Conditions for safe storage, including any incompatibilities
Further information on storage conditions: Keep container tightly closed and dry; store in a cool place.

Storage stability:
Storage temperature: ≤ 30 °C
Protect against moisture.

Specific end use(s)
For the relevant identified use(s) listed in Section 1 the advice mentioned in this section 7 is to be observed.

8. EXPOSURE CONTROLS/PERSONAL PROTECTION

Control parameters
Components with occupational exposure limits
7647-14-5: Sodium chloride
7757-82-6: Sodium sulphate
PNEC
Data refer to the product

Components with PNEC
68955-20-4: Sulfuric acid, mono-C16-18-alkyl esters, sodium salts
freshwater: 0.0204 mg/l
marine water: 0.00204 mg/l
intermittent release: 0.052 mg/l
STP: 550 mg/l
sediment (freshwater): 6.75 mg/kg
sediment (marine water): 0.675 mg/kg
soil: 1.35 mg/kg
oral (secondary poisoning):
No PNEC oral derived, as accumulation in organisms is not to be expected.
DNEL
Data refer to the product
Components with DNEL
68955-20-4: Sulfuric acid, mono-C16-18-alkyl esters, sodium salts
worker: Long-term exposure- systemic effects, dermal: 4060 mg/kg bw/day
worker: Long-term exposure- systemic effects, Inhalation: 285 mg/m3
consumer: Long-term exposure- systemic effects, dermal: 2440 mg/kg bw/day
consumer: Long-term exposure- systemic effects, Inhalation: 85 mg/m3
consumer: Long-term exposure- systemic effects, oral: 24 mg/kg bw/day

Exposure controls
Appropriate engineering controls
If dust formation caused by handling cannot be avoided Staubex equipment for plants may be necessary.
Personal protective equipment
Respiratory protection: Breathing protection if dusts are formed.
Hand protection: Suitable are protective gloves with the following specification. The recommendation is valid for laboratory conditions, specific workplace conditions must be taken into consideration separately. Suitable materials also with prolonged, direct contact (Recommended: Protective index 6, corresponding > 480 minutes of permeation time according to EN ISO 374-1):
nitrile rubber (NBR) - 0.4 mm coating thickness
Eye protection:
Tightly fitting safety goggles (splash goggles) (e.g. EN 166)
Body protection:
Body protection must be chosen depending on activity and possible exposure, e.g. apron, protecting boots, chemical-protection suit (according to EN 14605 in case of splashes or EN ISO 13982 in case of dust).

General safety and hygiene measures
Handle in accordance with good industrial hygiene and safety practice. No eating, drinking, smoking or tobacco use at the place of work. Handle in accordance with good industrial hygiene and safety practice.

Environmental exposure controls
Do not discharge product into the environment without control.

9. PHYSICAL AND CHEMICAL PROPERTIES

State of matter:	Solid
Form:	Solid, granules
Colour:	White to light yellow
Odour:	Odourless
Odour threshold:	Not applicable
Melting temperature:	> 150 °C
Decomposition point:	approx. 232 °C (990 hPa)
Flammability:	Not flammable
Flammability of Aerosol Products:	Not applicable, the product does not form flammable aero soles
Lower explosion limit:	approx. 25 g/m3 (260 °C)
Flash point:	> 101 °C
Auto-ignition temperature:	Not determined
Thermal decomposition:	No decomposition if stored and handled as prescribed/indicated.
pH value:	8.0 - 10.0
Viscosity, kinematic:	Not applicable, the product is a solid
Viscosity, dynamic:	Not applicable, the product is a solid
Solubility in water:	Readily soluble
Solubility (qualitative) solvent(s):	Distilled water
Partitioning coefficient n-octanol/water (log Kow):	-0.44
Vapour pressure:	≤ 20 Pa (20 °C)

Other safety characteristics

Bulk density: 570 - 630 kg/m3 (DGF-H-II 1b)
Hygroscopy: Non-hygroscopic
Other Information: If necessary, information on other physical and chemical parameters is indicated in this section.
No further information available.
Evaporation rate:
The product is a non-volatile solid.

10. STABILITY AND REACTIVITY

Reactivity:	No hazardous reactions if stored and handled as prescribed/indicated.
Chemical stability:	The product is stable if stored and handled as prescribed/indicated.
Possibility of hazardous reactions:	None if used for intended purpose
Conditions to avoid:	See SDS section 7 - Handling and storage.
Incompatible materials:	strong oxidizing agents

11. TOXICOLOGICAL INFORMATION

Acute toxicity:	Virtually nontoxic after a single ingestion. Virtually nontoxic after a single skin contact.
Irritation:	Skin contact causes irritation. May cause severe damage to the eyes
Respiratory/Skin sensitization:	Skin sensitizing effects were not observed in animal studies.
Germ cell mutagenicity:	The substance was not mutagenic in bacteria. The substance was not mutagenic in mammalian cell culture. The substance was not mutagenic in a test with mammals
Carcinogenicity:	In long-term animal studies in which the substance was given in high doses by feed, a carcinogenic effect was not observed.
Reproductive toxicity:	The results of animal studies gave no indication of a fertility impairing effect.
Developmental toxicity:	The substance did not cause malformations in animal studies; however, toxicity to development was observed at high doses that were toxic to the parental animals.
Aspiration hazard:	No aspiration hazard expected.
Interactive effects:	No data available.

12. ECOLOGICAL INFORMATION

Ecotoxicity	Not available
Persistence and Degradability:	Not available
Bioaccumulative Potential:	Not available
Mobility in Soil:	Not available
PBT and vPvB Assessment:	Not available
Other Adverse Effects:	Not available

13. DISPOSAL CONSIDERATIONS

Waste treatment methods
Must be disposed of or incinerated in accordance with local regulations.

14. TRANSPORT INFORMATION

Land transport: Not classified as a dangerous good under transport regulations
Inland waterway transport: Not classified as a dangerous good under transport regulations
Sea transport: Not classified as a dangerous good under transport regulations
Air transport: Not classified as a dangerous good under transport regulations

15. REGULATORY INFORMATION

Safety, health and environmental regulations/legislation specific for the substance or mixture
Directive 2012/18/EU - Control of Major Accident Hazards involving dangerous substances (EU):
Listed in above regulation: no
If other regulatory information applies that is not already provided elsewhere in this safety data sheet, then it is described in this subsection.
Chemical Safety Assessment
Chemical Safety Assessment performed

16. OTHER INFORMATION

Disclaimer: Avena Lab, Farmadria d.o.o. cannot anticipate all conditions under which this information and its product, or the products of other manufacturers in combination with its product, may be used. It is the user's responsibility to ensure safe conditions for handling, storage and disposal of the product, and to assume liability for loss, injury, damage or expense due to improper use. The above information relates only to this product and not to its use in combination with any other material or any particular process and is designed only as guidance for the safe handling, use, processing, storage, transportation, and disposal and should not be considered as a guarantee or quality specification. It is the sole responsibility of the individual(s) purchasing this product to assess its' safety in the final application. The above information is based on data provided by and collected from recognized sources such as distributors, manufacturers, and technical groups and is considered to be accurate to the best of our knowledge. Appropriate warnings and safe handling procedures should be provided to all handlers and users, taking into account the intended use and the specific conditions and factors relating to such use in accordance with all applicable laws and regulations.