



# SDS FOR GLYCERYL STEARATE S/E

## SAFETY DATA SHEET (SDS) DATED 09/11/2023

Batch Number: FRAMECPSR

---

### SECTION 1: IDENTIFICATION OF PRODUCT AND SUPPLIER

Product Name: Glyceryl stearate S/E  
Product Number: 5060330635575  
Brand: Ekokoza s.r.o.  
Supplier:  
Ekokoza s.r.o.  
Fryčovice 297, 73945, Fryčovice  
IČ: 07508247, eshop@ekokoza.cz

### SECTION 2: HAZARDS IDENTIFICATION

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

Directive criteria, 67/548/CE, 99/45/EC and following amendments thereof:

Properties / Symbols:

None.

EC regulation criteria 1272/2008 (CLP):

The mixture is not classified as dangerous according to EC Regulation 1272/2008 (CLP).

Adverse physicochemical, human health and environmental effects:

No other hazards

#### 2.2. Label elements

Symbols:

None

Hazard statements:

None

Precautionary statements:

None

Special Provisions:

None

#### 2.3. Other hazards

vPvB Substances: None - PBT Substances: None

Other Hazards:

No other hazards



ekokoza

### **SECTION 3: COMPOSITION AND INFORMATION ON INGREDIENTS**

Inci: Glyceryl stearate S/E

Cas: 11099-07-3

Einecs: 234-325-6

### **SECTION 4: FIRST AID MEASURES**

#### 4.1. Description of first aid measures

In case of skin contact:

Wash with plenty of water and soap.

In case of eyes contact:

In case of contact with eyes, rinse immediately with plenty of water and seek medical advice.

In case of Ingestion:

Do not under any circumstances induce vomiting. OBTAIN A MEDICAL EXAMINATION IMMEDIATELY.

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

Treatment:

None

### **SECTION 5: FIRE - FIGHTING 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 fire-fighters

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 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

# SECTION 7: HANDLING AND STORAGE

## 7.1. Precautions for safe handling

Avoid contact with skin and eyes, inhalation of vapours and mists.

Do not eat or drink while working.

See also section 8 for recommended protective equipment.

## 7.2. Conditions for safe storage, including any incompatibilities

Keep away from food, drink and feed.

Incompatible materials:

None in particular.

Instructions as regards storage premises:

Adequately ventilated premises.

## 7.3. Specific end use(s)

None in particular

# SECTION 8: EXPOSURE CONTROLS AND PERSONAL PROTECTION

## 8.1. Control parameters

DNEL Exposure Limit Values

N.A.

PNEC Exposure Limit Values

N.A.

## 8.2. Exposure controls

Eye protection:

Not needed for normal use. Anyway, operate according good working practices.

Protection for skin:

No special precaution must be adopted for normal use.

Protection for hands:

Not needed for normal use.



ekokoza

Respiratory protection:

Not needed for normal use.

Thermal Hazards:

None

Environmental exposure controls:

None

## SECTION 9: PHYSICAL DATA AND CHEMICAL PROPERTIES

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

- Appearance and colour: SOLID IVORY
- Odour: N.A.
- Odour threshold: N.A.
- pH: 6 +/- 1
- Melting point / freezing point: ca 55° C
- Initial boiling point and boiling range: > 200° C
- Solid/gas flammability: N.A.
- Upper/lower flammability or explosive limits: N.A.
- Vapour density: N.A.
- Flash point: 200 ° C
- Evaporation rate: N.A.
- Vapour pressure: N.A.
- Relative density: ca 0.89 MELTED PRODUCT
- Solubility in water: DISPERSIBLE
- Lipid solubility: N.A.
- Partition coefficient (n-octanol/water): N.A.
- Auto-ignition temperature: N.A.
- Decomposition temperature: N.A.
- Viscosity: N.A.
- Explosive properties: N.A.
- Oxidizing properties: N.A.

### 9.2. Other information

- Miscibility: N.A.
- Fat Solubility: N.A.
- Conductivity: N.A.
- Substance Groups relevant properties N.A.

## SECTION 10: STABILITY & 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

None in particular.

### 10.6. Hazardous decomposition products

None.



## SECTION 11: TOXICOLOGICAL INFORMATION

### 11.1. Information on toxicological effects

Toxicological information of the substance:

GMS - CAS: 31566-31-1

LD 50 > 2 g/Kg

LC 50 (fish) > 100 mg/l

EC 50 (bacterium) > 100 mg/l

If not differently specified, the information required in Regulation 453/2010/EC listed below must be considered as N.A.:

a) acute toxicity;

Not classified

b) skin corrosion/irritation;

Not classified

c) serious eye damage/irritation;

Not classified

d) respiratory or skin sensitisation;

Not classified

e) germ cell mutagenicity;

Not classified

f) carcinogenicity;

Not classified

g) reproductive toxicity;

Not classified

h) STOT-single exposure;

Not classified

i) STOT-repeated exposure;

Not classified

j) aspiration hazard.

Not classified

## SECTION 12: ECOLOGICAL INFORMATION

### 12.1. Toxicity

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

BIODEGRADABILITY > 90 %

BOD/COD AFTER 28 GG > 60 %

COD REMOVED AFTER 28 GG > 70 %

### 12.2. Persistence and degradability

Readily biodegradable

N.A.



ekokoza

### 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. Other adverse effects

None

## SECTION 13: DISPOSAL CONSIDERATIONS

### 13.1. Waste treatment methods

Material to be disposed of as hazardous waste. Normal disposal is via incineration operated by an accredited disposal contractor

### 13.2 Additional Information

N/A

## SECTION 14: TRANSPORT INFORMATION

### 14.1. UN number

Not classified as dangerous in the meaning of transport regulations.

### 14.2. UN proper shipping name

Not classified according to the United Nations Recommendations on the Transport of Dangerous Goods

### 14.3. Transport hazard class(es)

Not classified according to the United Nations Recommendations on the Transport of Dangerous Goods

### 14.4. Packing Group

N.A.

### 14.5 Environmental hazards

N.A.

### 14.6. Special Precautions for User

N.A.

### 14.7. Transport in bulk according to Annex II of MARPOL 73/78 and the IBC Code

N.A.

## SECTION 15: REGULATORY INFORMATION

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

Dir. 67/548/EEC (Classification, packaging and labelling of dangerous substances). Dir. 99/45/EEC (Classification, packaging and labelling of dangerous preparations). Dir. 98/24/EC (Risks related to chemical agents at work). Dir. 2000/39/EC (Occupational exposure limit values); Dir. 2006/8/CE. Regulation (CE) n. 1907/2006 (REACH), Regulation (CE) n. 1272/2008

(CLP), Regulation (CE) n. 790/2009 (1° ATP CLP), Regulation (EU) n. 453/2010 (Annex I).

Where applicable, refer to the following regulatory provisions :

Directive 82/501/EEC ('Activities linked to risks of serious accidents') and subsequent amendments.

Regulation (EC) nr 648/2004 (detergents).

1999/13/EC (VOC directive)



## 15.2. Chemical Safety Assessment

No Chemical Safety Assessment (CSA) has been carried out

### **SECTION 16: OTHER INFORMATION**

This safety data sheet has been completely updated in compliance to Regulation 453/2010/EU.

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

CCNL - Appendix 1

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.

ADR: European Agreement concerning the International Carriage of Dangerous Goods by Road.

CAS: Chemical Abstracts Service (division of the American Chemical Society).

CLP: Classification, Labeling, Packaging.

DNEL: Derived No Effect Level.

EINECS: European Inventory of Existing Commercial Chemical Substances.

GefStoffVO: Ordinance on Hazardous Substances, Germany.

GHS: Globally Harmonized System of Classification and Labeling of Chemicals.

IATA: International Air Transport Association.

IATA-DGR: Dangerous Goods Regulation by the "International Air Transport Association" (IATA).

ICAO: International Civil Aviation Organization.

ICAO-TI: Technical Instructions by the "International Civil Aviation Organization" (ICAO).

IMDG: International Maritime Code for Dangerous Goods.

INCI: International Nomenclature of Cosmetic Ingredients.

KSt: Explosion coefficient.

LC50: Lethal concentration, for 50 percent of test population.

LD50: Lethal dose, for 50 percent of test population.

LTE: Long-term exposure.

PNEC: Predicted No Effect Concentration.

RID: Regulation Concerning the International Transport of Dangerous Goods by Rail.

STE: Short-term exposure.

STEL: Short Term Exposure limit.



STOT: Specific Target Organ Toxicity.

TLV: Threshold Limiting Value.

TWATLV: Threshold Limit Value for the Time Weighted Average 8 hour day. (ACGIH Standard).

WGK: German Water Hazard Class.

#### GMO Declaration

We declare that at present all our registered and commercially available ingredients, extracts, oils, plants and skincare products are derived by traditional plant breeding methods. We do not have any ingredient, extract, oil or skincare product from genetically modified material

To the best of our knowledge, the information contained in the sheet is correct. However, we cannot accept responsibility for any consequences from its use.

#### Animal Testing Declaration

UK: As set out under the conditions in Schedule 34 - Amendment of Regulation (EC) No 1223/2009 and related amendments of The Product Safety and Metrology etc. (Amendment etc.) (EU Exit) Regulations 2019 neither the cosmetic nor its component product has been tested on animal purposes

EU:As set out in under the conditions in 1223/2009. Art. 15 Nar. Parliament and the Council of the EU 952/2013 neither the cosmetic nor its component product has been tested on animal purposes

**WE DO NOT TEST ANY OF OUR PRODUCTS ON ANIMALS AND NEVER HAVE, WE PREFER TO RELY ON OUR KNOWLEDGE OF ESSENTIAL OILS, INGREDIENTS, PLANTS, FLOWERS AND ESTABLISHED TECHNICAL INFORMATION AND PROFESSIONALS TO ENSURE EFFECTIVE AND SAFE PRODUCTS.**

We believe there is already a "safe" and known group of product ingredients used in the cosmetics industry which leave enough scope to be creative and innovative in product formulation without the need for anymore animal testing on new experimental ingredients.

Our suppliers each also agree to not to carry out animal testing on the products and ingredients we purchase. We have a self-imposed cut-off date of 2006 (this was the date our cosmetic formulations came into being) although in reality our suppliers normally have animal testing dates far in excess of this or have never tested at all.

We do not conduct any form of animal testing.

We do not commission any form of animal testing from a third party.

We operate a fixed cut-off date for animal testing and ingredients, which means we will not use any ingredient that has been tested or retested on animals for cosmetics purposes since January 1, 2006

If we find that a company is involved in animal testing in anyway that purchases from us, then we will cease supply immediately. It is a term and condition that by purchasing from Naturallythinking you will not involve yourself or your company in any form of Animal Testing, any violation of this will be dealt with as per any violation of our terms and conditions