



# SDS for Glyceryl oleate

Safety Data Sheet (SDS) dated 30/01/2024

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## Section 1: Identification of Product and Supplier

**Product Name:** Glyceryl oleate

**Product Number:** 5060330638651

**Brand:** Ekokoza s.r.o.

**Supplier:** Ekokoza s.r.o.

Fryčovice 297, 73945, Fryčovice IČ: 07508247, [eshop@ekokoza.cz](mailto:eshop@ekokoza.cz)

Nouzové telefonní číslo: +420224919293 , +420224915402 (telefon 24hod/denně)

Toxikologické informační středisko, Na Bojišti 1, 128 08 Praha2)

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## Section 2: Hazards IDENTIFICATION

### 2.1 Classification of the substance or mixture

· Classification according to Regulation (EC) No 1272/2008 The substance is not classified according to the CLP regulation.

### · 2.2 Label elements

- Labelling according to Regulation (EC) No 1272/2008 Void
- Hazard pictograms Void
- Signal word Void
- Hazard statements Void

### · 2.3 Other hazards

- Results of PBT and vPvB assessment
- PBT: Not applicable
- vPvB: Not applicable

## Section 3: Composition and information on Ingredients

**Inci:** Glyceryl oleate

**Cas:** 25496-72-4 / 111-03-5

**Einecs:** 247-038-6

## Section 4: First aid measures



#### **4.1 Description of first aid measures**

- General information: No special measures required.
- After inhalation:

Inhalation of product in this form is unlikely. However, under certain conditions formation of noxious gases is possible. In this case:

take affected person into fresh air, keep warm and call a doctor.

- **After skin contact:**

Wash with water and soap.

Generally the product does not irritate the skin.

- **After eye contact:**

Rinse opened eye for several minutes under running water.

If symptoms persist, consult a doctor.

- **After swallowing:**

Do not induce vomiting.

If symptoms persist, consult doctor.

· 4.2 Most important symptoms and effects, both acute and delayed No further relevant information available.

· 4.3 Indication of any immediate medical attention and special treatment needed  
Symptomatic treatment

## **Section 5: Fire - Fighting measures**

### **5.1 Extinguishing media**

- **Suitable extinguishing agents:**

CO<sub>2</sub>, extinguishing powder or water spray. Fight larger fires with water spray or alcohol resistant foam.

Use fire fighting measures that suit the environment.

### **5.2 Special hazards arising from the substance or mixture**

In case of fire, the following can be released:

Carbon monoxide and carbon dioxide

### **5.3 Advice for firefighters**

- Protective equipment:



Do not inhale combustion vapours.  
Wear self-contained respiratory protective device.

· Additional information: Dispose of fire debris and contaminated fire fighting water in accordance with official regulations.

## **Section 6: Accidental release measures**

### **6.1 Personal precautions, protective equipment and emergency procedures**

Wear protective clothing.

### **6.2 Environmental precautions:**

Do not allow product to reach sewage system or any water course.  
Do not allow to penetrate the ground/soil.

### **6.3 Methods and material for containment and cleaning up:**

Pick up mechanically.  
Make sure to recycle or dispose of in suitable receptacles.

· **6.4 Reference to other sections No dangerous substances are released.**

## **Section 7: Handling and Storage**

**7.1 Precautions for safe handling No special precautions are necessary if used properly.**

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

- Storage:
- Requirements to be met by storerooms and receptacles: Store cool and dry in a well ventilated area.
- Information about storage in one common storage facility:

Store away from foodstuffs.

Store away from feed.

Store away from strong oxidizers.

- Further information about storage conditions: Keep receptacle tightly sealed.
- Storage class: 11 Combustible solids

### **7.3 Specific end use(s)**

No further relevant information available



## Section 8: Exposure controls and personal protection

### 8.1 Control parameters

- Components with limit values that require monitoring at the workplace: Not required
- Additional information: The lists that were valid during the creation were used as basis

### 8.2 Exposure controls

- Personal protective equipment:
- General protective and hygienic measures:

The usual precautionary measures should be adhered to when handling chemicals.

Wash hands before breaks and at the end of work.

- Breathing equipment: Not required
- Protection of hands: Not required
- Material of gloves: -
- Penetration time of glove material: -
- Eye protection: Not required
- Body protection: Protective work clothing

## Section 9: Physical data and chemical properties

### 9.1 Information on basic physical and chemical properties

- General Information:
- Appearance:

Form: Pasty

Colour: Yellowish

- Odour: Characteristic
- Odour threshold: Not determined

Change in condition:

Melting point/Melting range: ~23-35 °C

Boiling point/Boiling range: 238-240 °C

Flash point: > 100 °C

- Flammability (solid, gaseous): Not applicable

Ignition temperature: >300 °C

- Decomposition temperature: Not determined
- Self ignition temperature: Not determined



- Danger of explosion: Product does not present an explosion hazard.
- Explosion limits:  
Lower: Not determined  
Upper: Not determined
- Vapour pressure: Not determined
- Density at 20 °C: 0.95 g/cm<sup>3</sup>
- Relative density: Not determined
- Vapour density: Not determined
- Evaporation rate: Not applicable
- Solubility in / Miscibility with  
Water: Dispersible
- Partition coefficient (n-octanol/water): 5.63-6.62
- Viscosity:  
dynamic: Not determined  
kinematic: Not determined
- 9.2 Other information No further relevant information available

## Section 10: Stability & Reactivity

### 10.1 Reactivity

**No further relevant information available**

### 10.2 Chemical stability

Thermal decomposition / conditions to be avoided: No decomposition if used and stored according to specification.

### 10.3 Possibility of hazardous reactions

No dangerous reactions known

### 10.4 Conditions to avoid

No further relevant information available

### 10.5 Incompatible materials:

No further relevant information available

### 10.6 Hazardous decomposition products:

No hazardous decomposition products if instructions for storage and handling are followed

## Section 11: Toxicological Information

### 11.1 Information on toxicological effects



- Acute toxicity Based on available data, the classification criteria are not met.
- LD/LC50 values that are relevant for classification: No toxicity data are available for the product itself.
- Primary irritant effect:
- Skin corrosion/irritation Prolonged exposition may cause skin irritation.
- Serious eye damage/irritation Based on available data, the classification criteria are not met.
- On respiratory tract: No data available
- Respiratory or skin sensitisation Based on available data, the classification criteria are not met.
- CMR effects (carcinogenicity, mutagenicity and toxicity for reproduction):
- Germ cell mutagenicity Based on available data, the classification criteria are not met.
- Carcinogenicity Based on available data, the classification criteria are not met.
- Reproductive toxicity Based on available data, the classification criteria are not met.
- STOT-single exposure No data available
- STOT-repeated exposure No data available

## Section 12: Ecological information

### 12.1 Toxicity

- Aquatic toxicity: Presently there are no ecotoxicological values available.

### · 12.2 Persistence and degradability

No further relevant information available

### · 12.3 Bioaccumulative potential log

P (o/w) > 3 - Considerable bioaccumulation is to be expected.

### · 12.4 Mobility in soil

No further relevant information available

- Additional ecological information:

- General notes:

Water hazard class 1 (German Regulation) (Assessment by list): slightly hazardous to water  
Do not allow undiluted product or large quantities of it to reach ground water, water course or sewage system.

Danger to drinking water is possible if large quantities leak into the ground or into water course.

### · 12.5 Results of PBT and vPvB assessment

- PBT: Not applicable
- vPvB: Not applicable

### - 12.6 Other adverse effects



No further relevant information available

## **Section 13: Disposal considerations**

### **· 13.1 Waste treatment methods**

- Recommendation: Disposal according to instructions of local authorities
- Uncleaned packagings:
- Recommendation: Disposal must be made according to official regulations.

## **Section 14: Transport information**

### **14.1 UN-Number**

- ADR, ADN, IMDG, IATA Void
- 14.2 UN proper shipping name
- ADR, ADN, IMDG, IATA Void
- 14.3 Transport hazard class(es)
- ADR, ADN, IMDG, IATA
- Class Void
- 14.4 Packing group
- ADR, IMDG, IATA Void
- 14.5 Environmental hazards:
- Marine pollutant: No
- 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
- UN "Model Regulation": Void

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## **Section 15: Regulatory information**

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

- Directive 2012/18/EU



- Named dangerous substances - ANNEX I Substance is not listed.
- National regulations
- Water hazard class:

Water hazard class 1 (Assessment by list): slightly hazardous for water  
Ident number.: 690

· **15.2 Chemical safety assessment:**

A Chemical Safety Assessment has not been carried out.

## **Section 16: Other information**

### **References:**

European Chemicals Agency

European Chemicals Bureau

European Regulations and Directives

Published chemical directories

Suppliers' safety data sheets

UK Health and Safety Executive

US Environmental Protection Agency

### **Risk Phrases**

R38: Irritating to skin.

R41: Risk of serious damage to eyes.

### **Safety Phrases**

S25: Avoid contact with eyes.

S26: In case of contact with eyes, rinse immediately with plenty of water and seek medical advice.

S39: Wear eye/face protection.

### **Hazard statement(s)**

H315: Causes skin irritation.

H318: Causes serious eye damage.





### **Precautionary statement(s)**

P262: Do not get in eyes, on skin, or on clothing.

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

P305 + P351 + P338 : IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.

### **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 Ekokoza s.r.o. 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 condtions

## **Section 2: Hazards IDENTIFICATION**

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

· Classification according to Regulation (EC) No 1272/2008 The substance is not classified according to the CLP regulation.

### **· 2.2 Label elements**

- Labelling according to Regulation (EC) No 1272/2008 Void
- Hazard pictograms Void
- Signal word Void
- Hazard statements Void

### **· 2.3 Other hazards**

- Results of PBT and vPvB assessment
- PBT: Not applicable
- vPvB: Not applicable

## **Section 3: Composition and information on Ingredients**

**Inci:** Glyceryl oleate

**Cas:** 25496-72-4 / 111-03-5

**Einecs:** 247-038-6

## **Section 4: First aid measures**

### **4.1 Description of first aid measures**

- General information: No special measures required.
- After inhalation:

Inhalation of product in this form is unlikely. However, under certain conditions formation of noxious gases is possible. In this case:

take affected person into fresh air, keep warm and call a doctor.

### **· After skin contact:**

Wash with water and soap.

Generally the product does not irritate the skin.



- **After eye contact:**

Rinse opened eye for several minutes under running water.  
If symptoms persist, consult a doctor.

- **After swallowing:**

Do not induce vomiting.

If symptoms persist, consult doctor.

- 4.2 Most important symptoms and effects, both acute and delayed No further relevant information available.

- 4.3 Indication of any immediate medical attention and special treatment needed  
Symptomatic treatment

## **Section 5: Fire - Fighting measures**

### **5.1 Extinguishing media**

- **Suitable extinguishing agents:**

CO<sub>2</sub>, extinguishing powder or water spray. Fight larger fires with water spray or alcohol resistant foam.

Use fire fighting measures that suit the environment.

### **5.2 Special hazards arising from the substance or mixture**

In case of fire, the following can be released:  
Carbon monoxide and carbon dioxide

### **5.3 Advice for firefighters**

- **Protective equipment:**

Do not inhale combustion vapours.

Wear self-contained respiratory protective device.

- Additional information: Dispose of fire debris and contaminated fire fighting water in accordance with official regulations.

## **Section 6: Accidental release measures**

### **6.1 Personal precautions, protective equipment and emergency procedures**

Wear protective clothing.

### **6.2 Environmental precautions:**



Do not allow product to reach sewage system or any water course.  
Do not allow to penetrate the ground/soil.

### **6.3 Methods and material for containment and cleaning up:**

Pick up mechanically.  
Make sure to recycle or dispose of in suitable receptacles.

· **6.4 Reference to other sections** No dangerous substances are released.

## **Section 7: Handling and Storage**

**7.1 Precautions for safe handling** No special precautions are necessary if used properly.

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

- Storage:
- Requirements to be met by storerooms and receptacles: Store cool and dry in a well ventilated area.
- Information about storage in one common storage facility:

Store away from foodstuffs.

Store away from feed.

Store away from strong oxidizers.

- Further information about storage conditions: Keep receptacle tightly sealed.
- Storage class: 11 Combustible solids

### **7.3 Specific end use(s)**

No further relevant information available

## **Section 8: Exposure controls and personal protection**

### **8.1 Control parameters**

- Components with limit values that require monitoring at the workplace: Not required
- Additional information: The lists that were valid during the creation were used as basis

### **8.2 Exposure controls**

- Personal protective equipment:
- General protective and hygienic measures:

The usual precautionary measures should be adhered to when handling chemicals.

Wash hands before breaks and at the end of work.



- Breathing equipment: Not required
- Protection of hands: Not required
- Material of gloves: -
- Penetration time of glove material: -
- Eye protection: Not required
- Body protection: Protective work clothing

## Section 9: Physical data and chemical properties

### 9.1 Information on basic physical and chemical properties

- General Information:
- Appearance:

Form: Pasty

Colour: Yellowish

- Odour: Characteristic
- Odour threshold: Not determined

Change in condition:

Melting point/Melting range: ~23-35 °C

Boiling point/Boiling range: 238-240 °C

Flash point: > 100 °C

- Flammability (solid, gaseous): Not applicable

Ignition temperature: >300 °C

- Decomposition temperature: Not determined
- Self ignition temperature: Not determined
- Danger of explosion: Product does not present an explosion hazard.
- Explosion limits:

Lower: Not determined

Upper: Not determined

- Vapour pressure: Not determined
- Density at 20 °C: 0.95 g/cm<sup>3</sup>
- Relative density: Not determined
- Vapour density: Not determined
- Evaporation rate: Not applicable
- Solubility in / Miscibility with

Water: Dispersible

- Partition coefficient (n-octanol/water): 5.63-6.62
- Viscosity:

dynamic: Not determined

kinematic: Not determined

- 9.2 Other information No further relevant information available



## Section 10: Stability & Reactivity

### 10.1 Reactivity

No further relevant information available

### 10.2 Chemical stability

Thermal decomposition / conditions to be avoided: No decomposition if used and stored according to specification.

### 10.3 Possibility of hazardous reactions

No dangerous reactions known

### 10.4 Conditions to avoid

No further relevant information available

### 10.5 Incompatible materials:

No further relevant information available

### 10.6 Hazardous decomposition products:

No hazardous decomposition products if instructions for storage and handling are followed

## Section 11: Toxicological Information

### 11.1 Information on toxicological effects

- Acute toxicity Based on available data, the classification criteria are not met.
- LD/LC50 values that are relevant for classification: No toxicity data are available for the product itself.
- Primary irritant effect:
- Skin corrosion/irritation Prolonged exposition may cause skin irritation.
- Serious eye damage/irritation Based on available data, the classification criteria are not met.
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- Germ cell mutagenicity Based on available data, the classification criteria are not met.
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- STOT-single exposure No data available
- STOT-repeated exposure No data available

## Section 12: Ecological information



## **12.1 Toxicity**

- Aquatic toxicity: Presently there are no ecotoxicological values available.

## **· 12.2 Persistence and degradability**

No further relevant information available

## **· 12.3 Bioaccumulative potential log**

P (o/w) > 3 - Considerable bioaccumulation is to be expected.

## **· 12.4 Mobility in soil**

No further relevant information available

- Additional ecological information:

- General notes:

Water hazard class 1 (German Regulation) (Assessment by list): slightly hazardous to water  
Do not allow undiluted product or large quantities of it to reach ground water, water course or sewage system.

Danger to drinking water is possible if large quantities leak into the ground or into water course.

## **· 12.5 Results of PBT and vPvB assessment**

- PBT: Not applicable
- vPvB: Not applicable

## **- 12.6 Other adverse effects**

No further relevant information available

# **Section 13: Disposal considerations**

## **· 13.1 Waste treatment methods**

- Recommendation: Disposal according to instructions of local authorities
- Uncleaned packagings:
- Recommendation: Disposal must be made according to official regulations.

# **Section 14: Transport information**

## **14.1 UN-Number**



- ADR, ADN, IMDG, IATA Void
- 14.2 UN proper shipping name
- ADR, ADN, IMDG, IATA Void
- 14.3 Transport hazard class(es)
- ADR, ADN, IMDG, IATA
- Class Void
- 14.4 Packing group
- ADR, IMDG, IATA Void
- 14.5 Environmental hazards:
- Marine pollutant: No
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- Directive 2012/18/EU
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- National regulations
- Water hazard class:

Water hazard class 1 (Assessment by list): slightly hazardous for water  
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### · 15.2 Chemical safety assessment:

A Chemical Safety Assessment has not been carried out.

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### **Risk Phrases**

R38: Irritating to skin.

R41: Risk of serious damage to eyes.

### **Safety Phrases**

S25: Avoid contact with eyes.

S26: In case of contact with eyes, rinse immediately with plenty of water and seek medical advice.

S39: Wear eye/face protection.

### **Hazard statement(s)**

H315: Causes skin irritation.

H318: Causes serious eye damage.

### **Precautionary statement(s)**

P262: Do not get in eyes, on skin, or on clothing.

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

P305 + P351 + P338 : IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.

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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

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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 Ekokoza s.r.o. 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