



## **Product Information**

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**Product Name: Glyceryl Stearate & PEG 100**

**Allergen Statement**

We declares that allergens according to (UE) 1169/2011 & (UE) 1223/2009 are not intentionally added to this product, therefore their presence is not expected.



# GMO CERTIFICATE

## Product Information

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**Product Name: Glyceryl Stearate & PEG 100**

We confirm that to the best of our knowledge, Glyceryl Stearate & PEG 100 is not derived from, or contains, and Genetically Modified Organisms (GMO).

If this were to change in the future, we would endeavor to inform you immediately.

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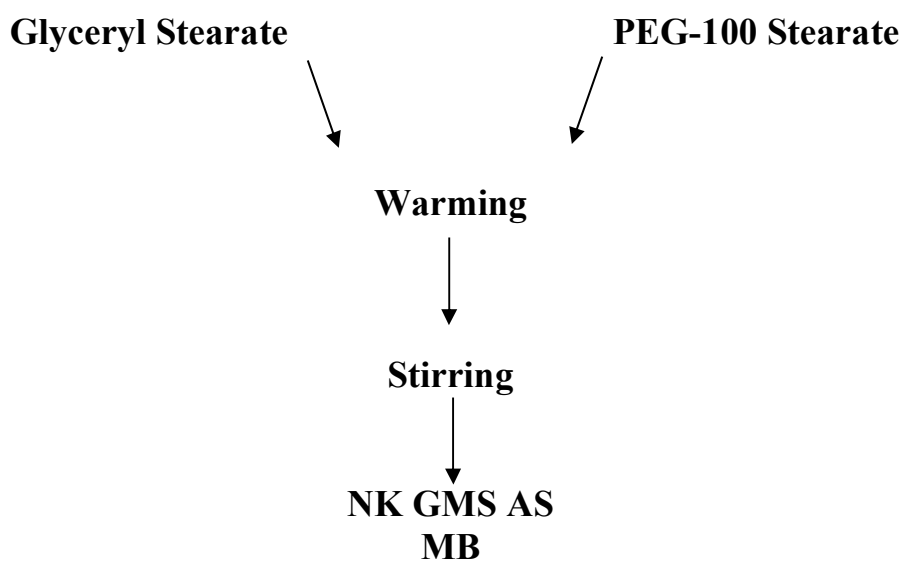
**10<sup>th</sup> September 2018**



## Product Information

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### Glyceryl Stearate & PEG-100 – Process Flow Chart



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**28/02/2022**



## INCI Declaration

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**Product Name: Glyceryl Stearate & PEG-100 Stearate**

<b>Ingredient</b>	<b>Addition Level (% w/w)</b>	<b>CAS No.</b>
Glyceryl Stearate	50	85251-77-0
PEG-100 Stearate	50	9004-99-3

**13<sup>th</sup> June 2018**



## Glyceryl Stearate & PEG-100 Stearate

### Section 1: Identification of the substance/mixture and of the company/undertaking

#### 1.1. Product Identifier

**Product name:** Glyceryl Stearate & PEG-100 Stearate

**CAS number:** 31566-31-1 + 9004-99-3

**EINECS number:** 250-705-4 + Polymer

**INCI Name:** Glyceryl Stearate + PEG-100 Stearate

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

**Use of substance / mixture:** Mixture, emulsifier

#### 1.3. Details of the supplier of the safety data sheet

**Supplier Name:** Ekokoza s.r.o.  
**Supplier Address:** Fryčovice 297  
73945, Fryčovice  
eshop@ekokoza.cz  
+420605779993

#### 1.4. 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

**Classification under CHIP:** Not classified for supply

#### 2.2. Label elements

**Label Elements under CHIP:** Not classified for supply

**Hazard symbols:** Not classified for supply

**Safety phrases:** Not classified for supply

#### 2.3. Other hazards

**PBT:** This substance is not identified as a PBT substance

### Section 3: Composition/information on ingredients

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## Glyceryl Stearate & PEG-100 Stearate

### 3.1. Substances

**Chemical identity:** Glyceryl Stearate + PEG-100 Stearate

## Section 4: First aid measures

### 4.1. Description of first aid measures

**Skin contact:** Remove all contaminated clothes and footwear immediately unless stuck to skin. Wash immediately with plenty of soap and water. Seek medical advice if irritation occurs after washing.

**Eye contact:** Bathe the eye with running water for 15 minutes. Consult a doctor.

**Ingestion:** Do not induce vomiting. If conscious, give half a litre of water to drink immediately. Consult a doctor.

**Inhalation:** Remove casualty from exposure ensuring one's own safety whilst doing so.

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

**Skin contact:** There may be mild irritation at the site of contact.

**Eye contact:** There may be irritation and redness

**Ingestion:** There may be soreness and redness of the mouth and throat.

**Inhalation:** There may be irritation of the throat.

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

## Section 5: Fire-fighting measures

### 5.1. Extinguishing media

**Extinguishing media:** Carbon dioxide. Alcohol or polymer foam. Dry chemical powder.

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

**Exposure hazards:** In combustion emits toxic fumes.

### 5.3. Advice for fire-fighters

**Advice for fire-fighters:** Wear protective clothing to prevent contact with skin and eyes.

## Section 6: Accidental release measures

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

**Personal precautions:** Refer to section 8 of SDS for personal protection details.

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## Glyceryl Stearate & PEG-100 Stearate

### 6.2. Environmental precautions

**Environmental precautions:** Do not discharge into drains or rivers.

### 6.3. Methods and material for containment and cleaning up

**Clean-up procedures:** Sweep up spillage. Transfer to a suitable container. Wash the spillage site with large amounts of water.

### 6.4. Reference to other sections

## Section 7: Handling and storage

### 7.1. Precautions for safe handling

**Handling requirements:** Ensure there is sufficient ventilation of the area.

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

**Storage conditions:** Store in cool, well ventilated area. Keep container tightly closed.

**Suitable packaging:** Must only be kept in original packaging.

### 7.3. Specific end use(s)

## Section 8: Exposure controls/personal protection

### 8.1. Control parameters

**Workplace exposure limits:** Not applicable.

### 8.2. Exposure controls

**Engineering measures:** Ensure there is sufficient ventilation of the area.

**Respiratory protection:** Self-contained breathing apparatus must be available in case of emergency.

**Hand protection:** Protective gloves.

**Eye protection:** Safety goggles.

**Skin protection:** Protective clothing with elasticated cuffs and closed neck.

## Section 9: Physical and chemical properties

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

**State:** Flakes

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## Glyceryl Stearate & PEG-100 Stearate

**Colour:** White to pale yellow  
**Odour:** Characteristic  
**Solubility in water:** Soluble  
**Soluble in:** -  
**Melting Point:** 50 - 60°C  
**Relative Density:** -  
**Flash Point:** >125°C

### 9.2. Other information

## Section 10: Stability and reactivity

### 10.1. Reactivity

### 10.2. Chemical stability

**Chemical stability:** Stable under normal conditions.

### 10.3. Possibility of hazardous reactions

### 10.4. Conditions to avoid

**Conditions to avoid:** Avoid open flames

### 10.5. Incompatible materials

**Incompatible materials:** Concentrated nitric acid or sulphuric acid, strong oxidising agents

### 10.6. Hazardous decomposition products

**Haz. decomp. products:** In combustion emits toxic fumes.

## Section 11: Toxicological information

### 11.1. Information on toxicological effects

#### Toxicity values:

Route	Species	Test	Value	Units
ORL	RAT	LD50	>2000	mg/kg

### Symptoms / routes of exposure

**Skin contact:** There may be mild irritation at the site of contact.  
**Eye contact:** There may be irritation and redness

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## Glyceryl Stearate & PEG-100 Stearate

**Ingestion:** There may be soreness and redness of the mouth and throat.  
**Inhalation:** There may be irritation of the throat with a feeling of tightness in the chest.

### Section 12: Ecological information

#### 12.1. Toxicity

#### 12.2. Persistence and degradability

**Persistence and degradability:** Readily biodegradable

#### 12.3. Bioaccumulative potential

#### 12.4. Mobility in soil

**Mobility:** Dispersible in water.

#### 12.5. Results of PBT and vPvB assessment

**PBT identification:** This substance is not identified as a PBT substance.

#### 12.6. Other adverse effects

### Section 13: Disposal considerations

#### 13.1. Waste treatment methods

**Disposal operations:** Must be disposed of in accordance with local and national regulations.  
**Disposal of packaging:** Dispose of as normal industrial waste.  
**NB:** The user's attention is drawn to the possible existence of regional or national regulations regarding disposal.

### Section 14: Transport information

#### 14.1. UN number

**UN number:** Not classified for transport

#### 14.2. UN proper shipping name

**UN proper shipping name:** Not applicable.

#### 14.3. Transport hazard class(es)

**Transport hazard class:** Not applicable.

#### 14.4. Packing group

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## Glyceryl Stearate & PEG-100 Stearate

**Packing group:** Not applicable.

### 14.5. Environmental hazards

**Environmental hazards:** Not classified as environmentally hazardous according to UN Model Regulations (IMDG, ADR, RID and ADN)

### 14.6. Special precautions for user

**Disposal operations:** Must be disposed of in accordance with local and national regulations.

### 14.7. Transport in bulk according to Annex II of MARPOL73/78 and the IBC code

**Transport in bulk:** Product will not be transported in bulk

## Section 15: Regulatory information

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

### 15.2. Chemical Safety Assessment

**Chemical safety assessment:** A chemical safety assessment has not been carried out for the substance or the mixture by the supplier.

## Section 16: Other information

### Other information

**Other information:** This safety data sheet is prepared in accordance with Commission Regulation (EU) No 453/2010.

**Legal disclaimer:** The above information is believed to be correct but does not purport to be all inclusive and shall be used only as a guide. This company shall not be held liable for any damage resulting from handling or from contact with the above product.



## Glyceryl Stearate & PEG-100

**INCI Name:** Glyceryl Stearate(and) PEG-100 Stearate  
**Cas No:** 31566-31-1 + 9004-99-3  
**Einecs:** 286-490-9 & Polymer  
**Synonyms:** GMS Acid Stable

Acid stable GMS is a self emulsifying grade of glyceryl monostearate which is chemically stable in the presence acids, electrolytes and cationic surfactants. It is widely used in antiperspirants based on astringent aluminium salts, in acidic or buffered emulsions, hair rinses and bleaches and as a base for pharmaceutical creams and ointments.

### Specification

Appearance	White to off white solid/ flakes
Water (K.F %)	2 maximum
Acid Value (mg KOH/g)	2.0 maximum
Iodine Value (mg I <sub>2</sub> /g)	2.0 maximum
Saponification Value (mg KOH/g)	90 –110
pH (5% solution)	5.5 – 7.5



## Other information

**Allergens** - None of 26 allergens listed in 2003/15/CE directive has been added to above mentioned product.

**Animal tests** - The product has never been tested by Barentz UK Ltd on animal nor anybody was Commissioned by Barentz UK 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: Ethylene Oxide < 1 ppm 1,4 Dioxane < 10 ppm Technically unavoidable CMR impurities resulting from our qualified manufacturing process (alkoxylation)

**Ethanol** - 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

**Treatment with ionizing radiations** Has not been treated

## Storage/Shelf Life

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

**Shelf life** -24 months

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# VEGAN STATEMENT

## Product Information

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### **Product Name: Glyceryl Stearate & PEG 100**

We confirm that Glyceryl Stearate & PEG 100 supplied by us, is vegetable or synthetic derived, and does not contain any animal derived ingredients, or is manufactured using animal derived ingredients.

We can also confirm that it does not come into contact with any animal derived ingredients at any point during its manufacture

Therefore, it is safe to assume that GMS SE supplied by us is suitable for use by Vegans.

If this were to change at any time in the future, we will endeavor to inform you immediately.

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**10<sup>th</sup> September 2018**