

O713 Polyglykol 1000

Page 1

Revised edition: 23.04.2021

Version: 4

Printed: 20.12.2023

1. Identification of the Substance/Mixture and of the Company/Undertaking**1.1. Product Identifier***Product Name:* Polyglykol 1000*Article No.:* O713*UFI:* --**1.2. Relevant identified Uses of the Substance or Mixture and Uses advised against***Identified uses:**Chemical-technical industry
Manufacturer of cosmetics**Uses advised against:***1.3. Details of the Supplier of the Safety Data Sheet (Producer/Importer)***Company:* Interlabshop BV*Address:* Lage Brink 23, 7317BD Apeldoorn The Netherlands*Tel./Fax.:**Internet:* +31(0)55-5215016*EMail:* www.labshop.nl*Importer:* labshop@labshop.nl**1.4. Emergency No.**

--

Emergency No.: 112 (24 hours a day)**1.4.2 Poison Center:**

2. Hazards Identification**2.1. Classification of the Substance or Mixture***Classification according to Regulation
(EC) No. 1272/2008 (CLP/GHS)**This product does not require classification and labelling as
hazardous according to CLP/GHS.**Possible Environmental Effects:**See Section 12.***2.2. Label Elements***Classification according to Regulation
(EC) No. 1272/2008 (CLP/GHS)**This product does not require classification and labelling as
hazardous according to CLP/GHS.**Hazard designation:**Signal word:**Hazard designation:**Safety designation:**Hazardous components for labelling:***2.3. Other Hazards***No special hazards known.*

next page: 2

0713 Polyglykol 1000

Page 2

Revised edition: 23.04.2021

Version: 4

Printed: 20.12.2023

3. Composition/Information on Ingredients**3.1. Substance****3.2. Mixture**

Chemical Characterization: Polyethylene glycol HO-(CH₂CH₂O)_n-H, Average molecular mass 1000 (CAS 25322-68-3); INCI: PEG-20

Information on Components / Hazardous Ingredients:

Additional information:

4. First Aid Measures**4.1. Description of the First Aid Measures**

General information:

*Remove contaminated clothes.
Seek medical attention in case of complaints.*

After inhalation:

Supply fresh air and seek medical advice in case of complaints.

After skin contact:

Wash off with warm water.

After eye contact:

Rinse open eyes with plenty of water for at least 15 minutes.

After ingestion:

Immediately get medical help.

4.2. Most important Symptoms and Effects, both Acute and Delayed

Symptoms:

No further information available.

Effects:

No further information available.

4.3. Indication of any Immediate Medical Attention and special Treatment needed

Treatment:

Treat symptomatically.

5. Fire-Fighting Measures**5.1. Extinguishing Media**

Suitable extinguishing media:

Foam, carbon dioxide (CO₂), extinguishing powder, water spray jet.

Unsuitable extinguishing media:

5.2. Special Hazards arising from the Substance or Mixture

Special hazards:

In case of fire: formation of carbon monoxide and dioxide.

5.3. Advice for Firefighters

Protective equipment:

next page: 3

0713 Polyglykol 1000

Page 3

Revised edition: 23.04.2021

Version: 4

Printed: 20.12.2023

Wear self-contained respiratory protective device.

Further information:

6. Accidental Release Measures**6.1. Personal Precautions, Protective Equipment and Emergency Procedures***Personal precautions:**Wear protective clothing.**Ensure adequate ventilation.***6.2. Environmental Precautions***Environmental precautions:**Prevent contamination of soil, drains and surface waters.***6.3. Methods and Material for Containment and Cleaning Up***Methods and material:**Take up mechanically.**Dilute with plenty of water.***6.4. Reference to other Sections***For information for safe handling see Section 7.**Protective clothing, see Section 8.**Dispose of contaminated material according to Section 13.*

7. Handling and Storage**7.1. Precautions for Safe Handling***Instructions on safe handling:**Avoid formation of dust.**Provide adequate ventilation.**Hygienic measures:**Do not eat or drink during work. Do not smoke.***7.2. Conditions for Safe Storage, including any Incompatibilities***Storage conditions:**Store in tightly sealed containers in a dry and cool room.**Store at temperatures between 10 and 25°C.**Do not store above 30°C.**Requirements for storage areas and containers:**No special measures necessary.**Information on fire and explosion protection:**Keep away from sources of ignition.**Take measures to prevent static electricity discharge, earth/ground all equipment.**Dust may form an explosive mixture with air.**Storage class:**11; Combustible solids (TRGS 510)**Further Information:**No information available.*

next page: 4

0713 Polyglykol 1000

Page 4

Revised edition: 23.04.2021

Version: 4

Printed: 20.12.2023

7.3. Specific End Use(s)*Further information:**No information available.***8. Exposure Controls/Personal Protection****8.1. Parameters to be Controlled***Parameters to be controlled (DE):*

TRGS 900

Polyethylene glycol (CAS 25322-68-3):

TLV: 1000 mg/m³ (inhalable fraction); 8 (II)*Parameters to be controlled:**Derived No-Effect Level (DNEL):**Polyethylene glycol (PEG):**0.418 mg/m³ (worker, inhalation, long-term exposition - systemic effects)**0.237 mg/kg bw/d (worker, skin contact, long-term exposition - systemic effects)**0.103 mg/m³ (consumer, inhalation, long-term exposition - systemic effects)**0.119 mg/kg bw/d (consumer, skin contact, long-term exposition - systemic effects)**0.059 mg/kg bw/d (consumer, swallowing, long-term exposition - systemic effects)**Predicted No-Effect Concentration (PNEC):**Polyethylene glycol (PEG):**Fresh water: 0.188 mg/l**Sea water: 0.019 mg/l**Fresh water sediment / Sea water sediment: 188 mg/kg**Sewage treatment system (STP): 72.92 mg/l**Intermittent release: 1.88 mg/l**Soil: 52.264 dw**Additional Information:***8.2. Exposure Controls***Technical protective measures:**Provide adequate ventilation.**Personal Protection**General protective measures:**The usual precautionary measures are to be adhered to when handling chemicals.**Respiratory protection:**Required in case of insufficient ventilation (EN 143 or 149).**Dust mask recommended when very dusty (with particle filter FFP2).**Hand protection:**Chemical protective gloves (EN 374 (Europe), F739 (US)).*

next page: 5

Safety Data Sheet

According to regulation (EC) No. 1907/2006 (REACH)

0713 Polyglykol 1000

Page 5

Revised edition: 23.04.2021

Version: 4

Printed: 20.12.2023

Protective glove material:

Please note the manufacturers' detailed statements, especially about the minimum thickness and the minimum breakthrough time.

Eye protection:

Safety glasses (EN 166)

Body protection:

Environmental precautions:

9. Physical and Chemical Properties

9.1. Information on Basic Physical and Chemical Properties

<i>Form:</i>	<i>wax-like</i>
<i>Color:</i>	<i>white</i>
<i>Odor:</i>	<i>odorless</i>
<i>Odor threshold:</i>	<i>no information available</i>
<i>pH-Value:</i>	<i>5 -7 (20°C, 100 g/l; DIN19268)</i>
<i>Melting temperature:</i>	<i>35 - 40°C</i>
<i>Boiling temperature:</i>	<i>not determined</i>
<i>Flash point:</i>	<i>270°C (DIN 51376)</i>
<i>Evaporation rate:</i>	<i>No information available.</i>
<i>Flammability (solid, gas):</i>	<i>not applicable</i>
<i>Upper explosion limit:</i>	<i>not determined</i>
<i>Lower explosion limit:</i>	<i>not determined</i>
<i>Vapor pressure:</i>	<i>< 0.1 mbar (20°C)</i>
<i>Vapor density:</i>	<i>No information available.</i>
<i>Density:</i>	<i>ca. 1.13 g/cm³ (20°C; DIN51757) approx. 1.11 g/cm³ (40°C; DIN 51757) approx. 1.07 g/cm³ (80°C; DIN 51757)</i>
<i>Solubility in water:</i>	<i>miscible</i>
<i>Coefficient of variation (n-Octanol/Water):</i>	<i>< -1 log POW</i>
<i>Auto-ignition temperature:</i>	<i>> 320°C (DIN 51794)</i>
<i>Decomposition temperature:</i>	<i>360°C</i>
<i>Viscosity, dynamic:</i>	<i>24 - 29 mPa.s (20°C; DIN53019)</i>

Safety Data Sheet

According to regulation (EC) No. 1907/2006 (REACH)

0713 Polyglykol 1000

Page 6

Revised edition: 23.04.2021

Version: 4

Printed: 20.12.2023

Explosive properties:

not applicable

Oxidizing properties:

no information available

Bulk density:

not applicable

9.2. Further Information

Solubility in solvents:

Viscosity, kinematic:

22-27 mm²/s (20°C; DIN 51562; 50% aqueous solution)

Burning class:

Solvent content:

Solid content:

Particle size:

Other information:

10. Stability and Reactivity

10.1. Reactivity

Stable if used according to specifications.

10.2. Chemical Stability

Stable if used according to specifications.

10.3. Possibility of Hazardous Reactions

None if handled and stored according to specifications.

10.4. Conditions to Avoid

Conditions to avoid:

No information available.

Thermal decomposition:

No further information available.

10.5. Incompatible Materials

No information available.

10.6. Hazardous Decomposition Products

None if stored and handled according to specifications.

10.7. Further Information

11. Toxicological Information

11.1. Information on Hazard Classes as defined in Regulation (EC) No. 1272/2008

Acute Toxicity

LD50, oral:

> 15000 mg/kg (rat)

LD50, dermal:

not determined

LC50, inhalation:

not determined

0713 Polyglykol 1000

Page 7

Revised edition: 23.04.2021

Version: 4

Printed: 20.12.2023

*Primary effects**Irritant effect on skin:**Non irritating (rabbit)**Irritant effect on eyes:**Non-irritating to eyes (rabbit)**Inhalation:**No information available.**Ingestion:**No information available**Sensitization:**Non sensitizing.**Mutagenicity:**Not mutagenic (Ames Test)**Reproductive toxicity:**No relevant data found.**Carcinogenicity:**No relevant data found.**Teratogenicity:**No information available.**Specific target organ toxicity (STOT):**No relevant data found.**Aspiration hazard:**No risk of aspiration.***11. 2. Information on other Hazards***No further information available.*

12. Ecological Information**12. 1. Aquatic Toxicity***Fish toxicity:**LC50: > 10 g/l (48h, *Leuciscus idus*; DIN 38412)**Daphnia toxicity:**No information available.**Bacteria toxicity:**EC50: > 1000 mg/l (OECD 209)**Algae toxicity:**No information available.***12. 2. Persistency and Degradability***> 80 % (28d); readily biodegradable (OECD 301E)***12. 3. Bioaccumulation***No information available.***12. 4. Mobility***No data available.*

0713 Polyglykol 1000

Page 8

Revised edition: 23.04.2021

Version: 4

Printed: 20.12.2023

12.5. Results of PBT- und vPvP Assessment

This substance/mixture contains no components considered to be either persistent, bioaccumulative and toxic (PBT), or very persistent and very bioaccumulative (vPvB) at levels of 0.1 % or higher.

12.6. Endocrine Disrupting Properties

No data available.

12.7. Other Adverse Effects

Water hazard class:

1, slightly hazardous

Behaviour in sewage systems:

Further ecological effects:

AOX Value:

13. Disposal Considerations**13.1. Waste Treatment Methods**

Product:

In accordance with regulations for special waste, must be taken to an authorized special waste incineration plant.

European Waste Code (EWC):

Uncleaned packaging:

Contaminated packaging must be disposed like the substance.

Waste Code No.:

14. Transport Information**14.1. UN Number**

ADR, IMDG, IATA

14.2. UN Proper Shipping Name

ADR/RID:

No hazardous goods according to ADR / DOT (US) (land transportation).

IMDG/IATA:

Not hazardous goods

14.3. Transport Hazard Classes

ADR Class:

not applicable

Hazard no.:

Classification code:

Tunnel restriction code:

IMDG Class (sea):

not applicable

Hazard no.:

0713 Polyglykol 1000

Page 9

Revised edition: 23.04.2021

Version: 4

Printed: 20.12.2023

*EmS No.:**IATA Class:**not applicable**Hazard no.:***14. 4. Packaging Group***ADR/RID:**not applicable**IMDG:**IATA:***14. 5. Environmental Hazards***Not classified as environmentally hazardous.***14. 6. Special Precautions for User***Not classified as a dangerous good under transport regulations.***14. 7. Maritime Transport in Bulk according to IMO Instruments***not applicable***14. 8. Further Information**

15. Regulatory Information**15. 1. Safety, Health and Environmental Regulations/Legislation specific for the Substance or Mixture***Water hazard class:**1, slightly hazardous for water (according to the German Regulation AwSV)**Local regulations on chemical accidents:**Employment restrictions:**Restriction and prohibition of application:**EC. REACH, Section XVII, Restrictions on the Manufacture, Placing on the Market and Use of Certain Dangerous Substances, Preparations and Articles: not applicable**Technical instructions on air quality:***15. 2. Chemical Safety Assessment***No Chemical Safety Assessment (CSA) is yet available for the substance, or for the component substances, contained in this product.***15. 3. Further Information***EC. REACH, Annex XIV, Candidate List of Substances of very High Concern (SVHC): not regulated / not applicable**Regulation (EC) 1005/2009 - Substances that Deplete the Ozone Layer: not regulated / not applicable**Regulation (EU) 2019/1021 - Persistent organic pollutants: not regulated / not applicable**Regulation (EC) 111/2005 laying down rules for the monitoring of trade between the Community and third countries in drug precursors: not forbidden and/or not restricted*

16. Other Information*This product should be stored, handled and used in accordance next page: 10*

Safety Data Sheet

According to regulation (EC) No. 1907/2006 (REACH)

Labshop

Chemicals, Restoration and Art Supplies

O713 Polyglykol 1000

Page 10

Revised edition: 23.04.2021

Version: 4

Printed: 20.12.2023

with good hygiene practices and in conformity with any legal regulations. This information contained herein is based on the present state of knowledge and is intended to describe our product from the point of view of safety requirements. It should be therefore not be construed as guaranteeing specific properties.