

Trade name: LAMEFORM TGI

Substance number: 271200

Version: 3 / CH

Date revised: 22.12.2021

Replaces Version: 2 / CH

Print date: 22.12.21

SECTION 1: Identification of the substance/mixture and of the company/undertaking

1.1. Product identifier

LAMEFORM TGI

Item No. 27120000

Substance / product identification

CAS-No. 63705-03-3

INCI Polyglyceryl-3 Diisostearate

REACH Registry No. 01-2119978252-33-0000, 01-2119978252-33-0001

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

Use of the substance/preparation

O/W emulsifier for cosmetics, Manufacture of cosmetics

1.3. Details of the supplier of the safety data sheet

Address/Manufacturer

Hänseler AG

Industriestrasse 35

9100 Herisau

Telephone no. 0041 (0)71 353 58 58

E-mail address of sdb@haenseler.ch

person responsible
for this SDS

1.4. Emergency telephone number

Switzerland :145 / Abroad +41 (0)44 251 51 51

SECTION 2: Hazards identification ***

2.1. Classification of the substance or mixture

Voluntary product information following the Safety Data Sheet format

This product is not classified hazardous in accordance with Regulation (EC) No 1272/2008.

2.2. Label elements

Labelling according to regulation (EC) No 1272/2008

The product does not require a hazard warning label in accordance with Regulation (EC) No 1272/2008.

SECTION 3: Composition/information on ingredients

Further ingredients

1,2,3-Propanetriol, homopolymer, diisooctadecanoate

CAS No. 63705-03-3

EINECS no. 613-333-7

Registration no. 01-2119978252-33-0000/-0001

Concentration >= 95 %

Advice: [4]

Note

[4] Voluntary information

SECTION 4: First aid measures

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4.1. Description of first aid measures

General information

In case of persistent symptoms consult doctor.

After skin contact

Wash immediately with plenty of water for several minutes.

After eye contact

In case of contact with the eyes, rinse immediately for at least 15 minutes with plenty of water. Summon a doctor immediately.

After ingestion

Rinse out mouth and give plenty of water to drink.

SECTION 5: Firefighting measures

5.1. Extinguishing media

Suitable extinguishing media

Foam, Dry powder, Carbon dioxide, Water spray jet

5.2. Special hazards arising from the substance or mixture

None known

5.3. Advice for firefighters

Special protective equipment for fire-fighting

Use self-contained breathing apparatus.

SECTION 6: Accidental release measures

6.1. Personal precautions, protective equipment and emergency procedures

Avoid contact with eyes and skin.

6.2. Environmental precautions

Do not discharge into the drains/surface waters/groundwater.

6.3. Methods and material for containment and cleaning up

Pick up with absorbent material (eg sand, sawdust). Rinse away rest with water.

SECTION 7: Handling and storage

7.1. Precautions for safe handling

Advice on safe handling

Isolate from sources of heat, sparks and open flame.

7.2. Conditions for safe storage, including any incompatibilities

Recommended storage temperature

Value	10	30	°C
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Storage classes

Storage class according to TRGS 510	10	Flammable liquids
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Further information on storage conditions

Keep container tightly closed. Protect from atmospheric moisture and water.

SECTION 8: Exposure controls/personal protection

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8.2. Exposure controls

Respiratory protection

Not necessary.

Hand protection

Gloves

Use

Appropriate Material

Material thickness

Breakthrough time

Hand protection must comply with EN 374.

Permanent hand contact

nitrile rubber - NBR

0.2 mm

> 480 min

Eye protection

Safety glasses with side protection shield; Eye protection must comply with EN 166.

Body protection

Protective clothing

SECTION 9: Physical and chemical properties

9.1. Information on basic physical and chemical properties

Form

Liquid/paste

Colour

yellow

Odour

fatty-like

pH value

Value

7.0

to

8.0

Temperature

20

°C

Method

DGF-H-III 1

Melting point

Value

-68

to

-3

°C

Method

OECD 102

Initial boiling point and boiling range

Value

> 250

°C

Flash point

Value

238

°C

Method

ISO 2592

Vapour pressure

Value

< 0.0001

Pa

Temperature

20

°C

Method

calculated

Density

Value

0.98

to

1.02

g/cm³

Temperature

20

°C

Ignition temperature

Value

427

°C

Viscosity

Value

2.590

mPa.s

Temperature

20

°C

SECTION 10: Stability and reactivity

10.1. Reactivity

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No decomposition if stored and applied as directed.

10.2. Chemical stability

No decomposition if stored and applied as directed.

10.3. Possibility of hazardous reactions

No decomposition if stored and applied as directed.

10.4. Conditions to avoid

Stable under recommended storage and handling conditions (see section 7).

10.5. Incompatible materials

None known

10.6. Hazardous decomposition products

No hazardous decomposition products known when handled according to prescribed instructions.

SECTION 11: Toxicological information *****11.1. Information on toxicological effects****Acute oral toxicity (Components)****1,2,3-Propanetriol, homopolymer, diisooctadecanoate**

Species	rat		
LD50	>	5000	mg/kg
Method	EEC 84/449, B.1		
Remarks	Test conducted with a similar formulation.		

Acute dermal toxicity (Components)**1,2,3-Propanetriol, homopolymer, diisooctadecanoate**

Species	rat		
LD50	>	5000	mg/kg
Method	OECD 402		

Acute inhalative toxicity (Components)**1,2,3-Propanetriol, homopolymer, diisooctadecanoate**

Species	rat		
LC50	>	5	mg/l
Duration of exposure		4	h
Method	OECD 403		
Remarks	Test conducted with a similar formulation.		

Skin corrosion/irritation (Components)**1,2,3-Propanetriol, homopolymer, diisooctadecanoate**

evaluation	slightly irritant
Method	OECD 404

Serious eye damage/irritation (Components)**1,2,3-Propanetriol, homopolymer, diisooctadecanoate**

evaluation	slightly irritant
Method	OECD 405

Sensitization (Components)**1,2,3-Propanetriol, homopolymer, diisooctadecanoate**

evaluation	non-sensitizing
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Mutagenicity (Components)**1,2,3-Propanetriol, homopolymer, diisooctadecanoate**

evaluation	No mutagenicity in the Ames-test.
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Method OECD 471

SECTION 12: Ecological information *****12.1. Toxicity****Fish toxicity (Components)****1,2,3-Propanetriol, homopolymer, diisooctadecanoate**

Species	golden orfe (<i>Leuciscus idus</i>)		
LC50	>	100	mg/l
Remarks	Test conducted with a similar formulation.		

Daphnia toxicity (Components)**1,2,3-Propanetriol, homopolymer, diisooctadecanoate**

Species	Daphnia magna		
EL50	1	to	10 mg/l
Method	OECD 202		

Algae toxicity (Components)**1,2,3-Propanetriol, homopolymer, diisooctadecanoate**

Species	Pseudokirchneriella subcapitata		
EC50	>	100	mg/l
Method	OECD 201		

1,2,3-Propanetriol, homopolymer, diisooctadecanoate

Species	Pseudokirchneriella subcapitata		
EC10	>	100	mg/l
Method	OECD 201		

Bacteria toxicity (Components)**1,2,3-Propanetriol, homopolymer, diisooctadecanoate**

Species	Pseudomonas putida		
EC0	>	100	mg/l

12.2. Persistence and degradability**Biodegradability (Components)**

1,2,3-Propanetriol, homopolymer, diisooctadecanoate	
evaluation	readily degradable

12.3. Bioaccumulative potential**General information**

Not applicable

12.4. Mobility in soil**General information**

No data available

12.5. Results of PBT and vPvB assessment**Evaluation of persistence and bioaccumulation potential (Components)**

1,2,3-Propanetriol, homopolymer, diisooctadecanoate	Does not bioaccumulate.
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1,2,3-Propanetriol, homopolymer, diisooctadecanoate	The Substance doesn't meet PBT/vPvB-criteria
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SECTION 13: Disposal considerations

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13.1. Waste treatment methods**Disposal recommendations for the product**

Disposal in compliance with local and national regulations.

Disposal recommendations for packaging

Dispose of as unused product.

SECTION 14: Transport information

	Land transport ADR/RID	Marine transport IMDG/GGVSee	Air transport ICAO/IATA
14.1. UN number	The product does not constitute a hazardous substance in land transport.	The product does not constitute a hazardous substance in sea transport.	The product does not constitute a hazardous substance in air transport.

SECTION 15: Regulatory information *****15.1. Safety, health and environmental regulations/legislation specific for the substance or mixture****Water Hazard Class (Germany) *****

Water Hazard Class (Germany) WGK 3

Remarks Derivation of WGK according to Annex 1 No. 5.2 AwSV

SECTION 16: Other information**Supplemental information**

Relevant changes compared with the previous version of the safety data sheet are marked with: ***
 This information is based on our present state of knowledge. However, it should not constitute a guarantee for any specific product properties and shall not establish a legally valid relationship.