

Safety information sheet

Version: 1.0 EN

Emulsifier Glyceryl Stearate Citrate

Article number: D10159

This document has been prepared as a communication tool to inform downstream users about both the status of the substance under REACH and CLP, some of its essential properties and the guidance on safe use. An extended safety data sheet (SDS) is not required for this substance under Article 31 of REACH Regulation (EC) No 1272/2008, including the amending Regulation (EU) 2020/878. As a result, the format and content of this document does not comply with the framework for safety data sheets set out in Commission Regulation (EU) No 453/2010 amending Regulation (EC) No 1907/2006.

1 Identification of the substance/mixture and the company

1.1 Product identifier

Name	Emulsifier Glyceryl Stearate Citrate
CAS number	91744-39-7
EC number	294-601-7
REACH registration	01-2119971751-32

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

Description/use	The product is intended for cosmetic use. For further information on specific applications, please contact us at the telephone number provided – we will be happy to put you in touch with the relevant specialist department.
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1.3 Details of the supplier providing the safety information sheet

Company	DistrEbution GmbH
Adress	Brookdeich 40 21029 Hamburg Germany
Telephone	+49 40 609 2387 60
E-Mail	info@distrebution.com

1.4 Emergency number

+49 40 609 2387 60 (Business hours: Mon - Thu: 8 a.m.- 5 p.m. / Fri: 8 a.m. – 4 p.m.)

2 Potential hazards

2.1 Classification of the substance or mixture

Not classified according to Chemicals Regulation (EC) Nr.1272/2008.

2.2 Label elements

Not subject to classification according to Regulation (EC) No 1272/2008.

2.3 Other hazards

No PBT or vPvB assessment data available.

3 Composition/information on ingredients

Chemical characterization:	Emulsifier Glyceryl Stearate Citrate
CAS number	91744-39-7
EC number	294-601-7
REACH registration	01-2119971751-32
Hazardous ingredients	none
Nanoparticles	No nanoparticles according to Regulation (EU) 2018/1881

4 First-aid measures

4.1 Description of first-aid measures

In case of discomfort or accident, seek medical advice immediately (if possible, show the operating instructions or safety data sheet). Remove affected persons from the danger area. Remove contaminated or soaked clothing immediately. If unconscious and breathing, place the person in the recovery position and seek medical assistance. Do not leave the affected person unattended.

After eye contact

Rinse eyes carefully with water for several minutes. Remove any contact lenses if possible and continue rinsing. Seek medical attention if irritation persists.

After skin contact

Wash off with plenty of water. If skin irritation persists, seek medical advice.

Inhalation or ingestion

Provide fresh air. If symptoms persist, seek medical advice. Rinse mouth thoroughly and drink plenty of water in small sips. Do not induce vomiting. If you feel unwell or experience any symptoms, seek medical advice.

4.2 Most important symptoms and effects, both acute and delayed

No symptoms known.

4.3 Indication of any immediate medical attention and special treatment needed

Symptomatic treatment.

5 Firefighting measures

5.1 Extinguishing agents

Suitable extinguishing agents

Carbon dioxide (CO₂), extinguishing powder, water

Unsuitable extinguishing agents

Full water jet

5.2 Special hazards arising from the substance or mixture

In the event of a fire, harmful gases and vapours with toxic effects may be released.

5.3 Advice for firefighters

Protective equipment for firefighters

Wear self-contained breathing apparatus and suitable chemical protection suit.

5.4 Additional information

Collect contaminated extinguishing water separately and dispose of it properly.

Prevent it from entering drains or waterways.

6 Accidental release measures

6.1 Personal precautions, protective equipment and emergency procedures

Remove persons from the danger zone. Avoid contact with dust, smoke, gas, mist, vapor, or aerosols.

Protective equipment

Wear suitable protective gloves, protective clothing, and eye and face protection.

Emergency responders

Use personal protective equipment in accordance with Section 8.

6.2 Environmental precautions

Prevent from entering drains, surface waters or groundwater.

6.3 Methods and material for containment and cleaning up

Absorb with liquid-binding materials such as sand, diatomaceous earth, acid binders, or universal binders. Small quantities can be diluted with plenty of water and rinsed away. Larger quantities must be disposed of in accordance with official regulations. The product is biodegradable.

6.4 Reference to other sections

See section 7 for information on safe handling.

See section 8 for information on personal protective equipment.

See section 13 for information on disposal.

7 Handling and storage

7.1 Precautions for safe handling

Wear personal protective equipment (see Section 8).

Measures to prevent aerosol and dust formation

Dust should be extracted directly at the source.

General occupational hygiene measures

Do not eat, drink, or smoke while working. Avoid contact with eyes and skin.

7.2 Conditions for safe storage, including any incompatibilities

Keep container tightly closed and store in a cool, well-ventilated place.

Storage class (TRGS 510, Germany)

11 – Combustible solids that cannot be assigned to any of the above storage classes.

7.3 Specific end uses

No information available.

8 Exposure controls/personal protective equipment

8.1 Parameters to be monitored

No information available.

8.2 Limitation and monitoring of exposure

8.2.1 Appropriate engineering controls

No information available.

8.2.2 Personal protective equipment

Respiratory protection

Use particle filter device in accordance with DIN EN 143.

Hand protection

Wear chemical-resistant protective gloves in accordance with EN ISO 374. If reusing gloves, clean them before removing and store in a well-ventilated area.

Eye protection

Wear safety goggles with side protection in accordance with DIN EN 166.

Other protective measures

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8.2.3 Environmental exposure controls and monitoring

No information available.

9 Physical and chemical properties

9.1 Information on basic physical and chemical properties

Form	Fixed
Color	White
Odor	No data available
pH value at 20°C	No data available
Melting point	No data available
Boiling point	No data available
Decomposition point	No data available
Flash point	No data available
Ignition temperature	> 200°C
Flammability	No data available
Lower explosion limit	No data available
Upper explosion limit	No data available
Kinematic viscosity	No data available
Dynamic viscosity (20°C)	No data available

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Distribution

Water solubility	No data available
Partition coefficient	No data available
n-octanol/water (log value)	No data available
Vapor pressure (20°C)	No data available
Density (20°C)	No data available
Relative vapor density	No data available
Relative density	No data available

9.2 Other information

No information available

10 Stability and reactivity

10.1 Reactivity

No data available

10.2 Chemical stability

Stable under recommended storage, use, and temperature conditions.

10.3 Possibility of hazardous reactions

No data available

10.4 Conditions to avoid

Heat, UV radiation/sunlight

10.5 Incompatible materials

Oxidising agents, strong acids, strong bases

10.6 Hazardous decomposition products

Thermal decomposition may result in the release of irritating gases and vapors.

11 Toxicological information

11.1 Information on hazard classes according to Regulation (EC) No. 1272/2008

Acute oral toxicity	LD50 (oral): >2,000 mg/kg The classification criteria are not met based on the available data.
Acute dermal toxicity	LD50 (dermal): >2,000 mg/kg The classification criteria are not met based on the available data.
Acute inhalation toxicity	The classification criteria are not met based on the available data.

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Distribution

Skin corrosion/irritation

The classification criteria are not met based on the available data.

Serious eye damage/irritation

The classification criteria are not met based on the available data.

Respiratory or skin sensitization

The classification criteria are not met based on the available data.

Germ cell mutagenicity

The classification criteria are not met based on the available data.

Carcinogenicity

The classification criteria are not met based on the available data.

Reproductive toxicity

The classification criteria are not met based on the available data.

Specific target organ toxicity (single exposure)

The classification criteria are not met based on the available data.

Specific target organ toxicity (repeated exposure)

The classification criteria are not met based on the available data.

Aspiration hazard

The classification criteria are not met based on the available data.

Additional toxicological information

The classification criteria are not met based on the available data.

11.2 Information on other hazards

Endocrine disrupting properties

No data available

12 Environmental information

12.1 Toxicity

LC₅₀ (fish, Danio rerio): > 100 mg/l (4 days)

EC₅₀ (crustaceans, Daphnia magna): > 100 mg/l (2 days)

ErC₅₀ (algae/aquatic plant, Pseudokirchneriella subcapitata): > 100 mg/l (3 days)

12.2 Persistence and degradability

Readily biodegradable

12.3 Bioaccumulative potential

Log K_{ow}: > 8

Bioaccumulation potential cannot be ruled out.

12.4 Mobility in soil

No data available

12.5 Results of PBT and vPvB assessment

The substance in the mixture does not meet the PBT or vPvB criteria according to REACH, Annex XIII.

12.6 Other adverse effects

No data available

13 Disposal instructions

13.1 Waste treatment methods

Product disposal

Disposal must be carried out in accordance with the applicable official regulations.
An approved disposal company must be commissioned for disposal.

14 Transport information

14.1 UN No.

Not classified as dangerous goods under these transport regulations.

14.2 Proper UN shipping name

Not classified as dangerous goods under these transport regulations.

14.3 Transport hazard classes

Not classified as dangerous goods under these transport regulations.

14.4 Packaging group

No data available

14.5 Environmental hazards

No data available

14.6 Special precautions for user

No data available

14.7 Transport in bulk according to Annex II of MARPOL and the IBS Code

No data available

15 Legislation

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

15.1.1 EU regulations

No data available

15.1.2 National regulations

Water hazard class

WGK 1: slightly hazardous to water

15.2 Chemical safety assessment

A chemical safety assessment has not been carried out for this substance.

16 Other information

16.1 Abbreviations and acronyms

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

IMDG - International Maritime Dangerous Goods Code

IATA - International Air Transport Association

GHS - Globally Harmonized System of Classification and Labelling of Chemicals

EINECS - European Inventory of Existing Commercial Chemical Substances

CAS - Chemical Abstracts Service

EC50 - Effective Concentration, 50 %

LC50 - Lethal concentration, 50 %

LD50 - Lethal dose, 50 %

PBT - persistent, bioaccumulative and toxic

vPvB - very persistent and very bioaccumulative

16.2 SVHC

The substances on the ECHA list (<http://echa.europa.eu/en/candidate-list-table>) are neither expected to be present in our products nor are they intentionally used in the production process. Our products do not come into contact with these substances during production. However, it is not possible to completely rule out traces of these substances: due to natural impurities or raw material-related properties, an unintentional content of less than 0.1% cannot be completely ruled out.

16.3 Note for users

The information in this data sheet is based on our current knowledge at the time of the last revision. The user is responsible for checking the suitability and completeness of the information in relation to the specific use of the product.

This document does not constitute a guarantee for specific properties of the product. As we have no direct influence on the use of the product, the user is obliged to comply with all applicable laws, regulations and safety and hygiene provisions on his own responsibility. We accept no liability for improper use. Personnel entrusted with the handling of chemicals must be appropriately trained.