

Safety Data Sheet

according to Regulation (EC) No. 1907/2006 (REACH)
according to Regulation (EU) No 453/2010

Print date 18.04.2013
Version

Glyceryl Caprylate
Revision date 12.01.2012
Issue date 18.04.2013

EN
Page1 / 7

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

1.1. Product identifiers:

Identification of the substance or mixture: Glyceryl Caprylate

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

Relevant identified uses
Raw material for cosmetics

1.3. Details of the supplier of the safety data sheet

supplier (distributor)

Chanjao Longevity Co., Ltd.
50 Ramindra 14, Bangkok 10230
Thailand

Telephone: + 66 - 02 002 7 002

Dept. responsible for information:

Laboratory
E-mail

care@myskinrecipes.com

Emergency telephone number

1.4. Emergency telephone number Only
available during office hours.

+ 66 - 02 002 7 002

SECTION 2: Hazards identification

2.1. Classification of the substance or mixture

Classification according to Regulation (EC) No. 1272/2008 [CLP]

This mixture is classified as not hazardous according to regulation (EC) 1272/2008 [CLP].

Classification according to Directive 67/548/EEC or 1999/45/EC

This mixture is classified as not hazardous according to 1999/45/EC.

2.2. Label elements

The product is classified and labelled according to EC directives or corresponding national laws.

Labelling according to Regulation (EC) No. 1272/2008 [CLP]

Hazard pictograms

Hazard statements

not applicable

Precautionary statements

not applicable

contains:

Octanoic acid, monoester with glycerol

Supplemental Hazard information (EU)

not applicable

Labelling (67/548/EEC or 1999/45/EC)

Hazard statements

not applicable

Precautionary statements

not applicable

contains:

not applicable

Special provisions concerning the labelling of certain mixtures

not applicable

2.3. Other hazards

Safety Data Sheet

according to Regulation (EC) No. 1907/2006 (REACH)
according to Regulation (EU) No 453/2010

Print date 18.04.2013
Version

Glyceryl Caprylate
Revision date 12.01.2012
Issue date 18.04.2013

EN
Page2 / 7

SECTION 3: Composition / information on ingredients

3.1. Substances

Product description / chemical characterization

Description INCI: Glyceryl Caprylate

INDEX No.	EC No.	CAS No.	Ingredient (Designation)
	247-668-1	26402-26-6	Octanoic acid, monoester with glycerol (INCI: Glyceryl Caprylate)

Classification according to Directive 67/548/EEC or 1999/45/EC

Classification according to Regulation (EC) No. 1272/2008 [CLP]

EC No.	REACH No.	Wt %
CAS No.	Chemical name	Remark
INDEX No.	classification:	
247-668-1	Pre 05-2114094072-54-0000	100,00
26402-26-6	Octanoic acid, monoester with glycerol	

Classification according to Directive 67/548/EEC or 1999/45/EC

EC No.	REACH No.	Wt %
CAS No.	Chemical name	Remark
INDEX No.	classification:	
247-668-1	Pre 05-2114094072-54-0000	100,00
26402-26-6	Octanoic acid, monoester with glycerol (INCI: Glyceryl Caprylate)	

Additional information

Full text of R-, H- and EUH-phrases: see section 16.

SECTION 4: First aid measures

4.1. Description of first aid measures:

General information

In all cases of doubt, or when symptoms persist, seek medical advice. In case of unconsciousness give nothing by mouth, place in recovery position and seek medical advice. In case of irregular breathing or respiratory arrest provide artificial respiration.

After inhalation

Remove casualty to fresh air and keep warm and at rest. In case of irregular breathing or respiratory arrest provide artificial respiration.

Following skin contact

Remove contaminated, saturated clothing immediately. After contact with skin, wash immediately with plenty of water and soap. Do not use solvents or thinners.

After eye contact

IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. In case of eye irritation consult an ophthalmologist.

After ingestion

If swallowed, rinse mouth with water (only if the person is conscious).

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

In all cases of doubt, or when symptoms persist, seek medical advice.

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

SECTION 5: Firefighting measures

5.1. Extinguishing media

Suitable extinguishing media

Water, Foam, Water spray jet, carbon dioxide.

Extinguishing media which must not be used for safety reasons:

none.

Safety Data Sheet

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Print date 18.04.2013
Version

Glyceryl Caprylate
Revision date 12.01.2012
Issue date 18.04.2013

EN
Page 3 / 7

5.2. Special hazards arising from the substance or mixture

Gases: carbon monoxide, carbon dioxide.

5.3. Special protective equipment for firefighters:

In case of fire: Wear self-contained breathing apparatus.

Additional information

Do not allow water used to extinguish fire to enter drains, ground or waterways. Treat runoff as hazardous. Cool closed containers that are near the source of the fire.

SECTION 6: Accidental release measures

6.1. Personal precautions, protective equipment and emergency procedures

Wear eye/face protection.

6.2. Environmental precautions

Do not allow to enter into surface water or drains. If the product contaminates lakes, rivers or sewages, inform competent authorities in accordance with local regulations.

6.3. Methods and material for containment and cleaning up

Isolate leaked material using non-flammable absorption agent (e.g. sand, earth, vermiculit, diatomaceous earth) and collect it for disposal in appropriate containers in accordance with the local regulations (see chapter 13). Clean using cleansing agents. Do not use solvents.

6.4. Reference to other sections

Observe protective provisions (see chapter 7 and 8).

SECTION 7: Handling and storage

7.1. Precautions for safe handling

Advices on safe handling

Avoid contact with skin, eyes and clothes.

Precautions against fire and explosion:

No special measures are required.

7.2. Conditions for safe storage, including any incompatibilities

Requirements for storage rooms and vessels

Storage in accordance with the Ordinance on Industrial Safety and Health (BetrSiVO). Store in a dry place. Keep container tightly closed. Do not empty containers with pressure - no pressure vessel! Smoking is forbidden. Access only for authorised persons. Store carefully closed containers upright to prevent any leaks.

Hints on joint storage

none.

Further information on storage conditions

Keep away from heat.

7.3. Specific end use(s)

Observe technical data sheet. Observe instructions for use.

SECTION 8: Exposure controls/personal protection

8.1. Control parameters

EC No.	Description	type	Limit value	Unit
CAS No.			STEL (EC) TWA (EC)	
-				

Additional information

8.2. Exposure controls

Provide good ventilation.

Occupational exposure controls

Respiratory protection

Usually no personal respirative protection necessary.

Dand protection

Wear suitable gloves.

Safety Data Sheet

according to Regulation (EC) No. 1907/2006 (REACH)
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Print date 18.04.2013
Version

Glyceryl Caprylate
Revision date 12.01.2012
Issue date 18.04.2013

EN
Page 4 / 7

Eye protection

Wear eye/face protection.

Protective clothing

Wear suitable protective clothing.

Protective measures

After contact clean skin thoroughly with water and soap or use appropriate cleanser.

Environmental exposure controls

Do not allow to enter into surface water or drains. See chapter 7. No additional measures necessary.

SECTION 9: Physical and chemical properties

9.1. Information on basic physical and chemical properties

Appearance: solid
Physical state solid
Colour white
Odour characteristic

Safety relevant basis data	Unit	Method	Remark
Flash point (°C)	> 180 °C		
Water solubility (g/L)	slightly soluble g/L		
Melting point/melting range	35 °C		

9.2. Other information:

SECTION 10: Stability and reactivity

10.1. Reactivity

10.2. Chemical stability

Stable when applying the recommended regulations for storage and handling. Further information on correct storage: refer to chapter 7.

10.3. Possibility of hazardous reactions

Keep away from strong acids, strong bases and strong oxidizing agents to avoid exothermic reactions.

10.4. Conditions to avoid

10.5. Incompatible materials

10.6. Hazardous decomposition products

none. Hazardous decomposition byproducts may form with exposure to high temperatures, e.g.: carbon dioxide, carbon monoxide, smoke.

SECTION 11: Toxicological information

Further information: see technical data sheet.

11.1. Information on toxicological effects

Acute toxicity

Octanoic acid, monoester with glycerol
oral, LD50: > 2000 mg/kg
Methode: calculated.

Irritant and corrosive effects

Octanoic acid, monoester with glycerol
Skin: evaluation Not an irritant.
Methode: RIPT

Octanoic acid, monoester with glycerol
Skin: evaluation Not an irritant.
Methode: In vitro skin test

Octanoic acid, monoester with glycerol
Eyes: evaluation slightly irritant
Methode: in-vitro Test

Octanoic acid, monoester with glycerol
Eyes: evaluation slightly irritant
Methode: HET-CAM
c = 5%

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according to Regulation (EU) No 453/2010

Print date 18.04.2013
Version

Glyceryl Caprylate
Revision date 12.01.2012
Issue date 18.04.2013

EN
Page 5 / 7

Sensitisation

Octanoic acid, monoester with glycerol
Skin: ; evaluation not sensitising.
Methode: RIPT

Specific target organ toxicity

Toxicological data are not available.

Aspiration hazard

Toxicological data are not available.

CMR effects (carcinogenicity, mutagenicity and toxicity for reproduction)

Octanoic acid, monoester with glycerol
Germ cell mutagenicity; evaluation No experimental indications of mutagenicity in-vitro exist.
Methode: Ames test

Practical experience/human evidence

Remark

Overall Assessment on CMR properties

This substance does not meet the criteria for classification as CMR category 1 or 2 according to 67/548/EEC.

SECTION 12: Ecological information

Degradation

Readily biodegradable (according to OECD criteria).

12.1. Toxicity

Octanoic acid, monoester with glycerol
Daphnia toxicity, EC50, Daphnia magna (Big water flea): 31,6 mg/L (48 h)
Methode: OECD 202

Long-term Ecotoxicity

Toxicological data are not available.

12.2. Persistence and degradability

Octanoic acid, monoester with glycerol
Persistence and degradability: evaluation Readily biodegradable (according to OECD criteria).
Methode: OECD 301 F

Octanoic acid, monoester with glycerol
Persistence and degradability: 96 % (8 D); evaluation Readily biodegradable (according to OECD criteria).
Methode: OECD 301A/ ISO 7827/ EEC 92/69/V, C.4-A

12.3. Bioaccumulative potential

Toxicological data are not available.

Bioconcentration factor (BCF)

Toxicological data are not available.

12.4. Mobility in soil

Toxicological data are not available.

12.5. Results of PBT assessment

This substance does not meet the PBT/vPvB criteria of REACH, annex XIII.

12.6. Other adverse effects

According to the present state of knowledge negative ecological effects are not expected.

SECTION 13: Disposal considerations

13.1. Waste treatment methods

Appropriate disposal / Product Recommendation

Do not allow to enter into surface water or drains. This material and its container must be disposed of in a safe way. Waste disposal according to EC directives 75/442/EEC and 91/689/EEC in the corresponding versions, covering waste and dangerous waste.

List of proposed waste codes/waste designations in accordance with EWC

Safety Data Sheet
according to Regulation (EC) No. 1907/2006 (REACH)
according to Regulation (EU) No 453/2010

Print date 18.04.2013
Version

Glyceryl Caprylate
Revision date 12.01.2012
Issue date 18.04.2013

EN
Page 6 / 7

070699 wastes not otherwise specified

packaging

Recommendation

Non-contaminated packages may be recycled. Vessels not properly emptied are special waste.

SECTION 14: Transport information

This mixture is not classified as dangerous according to international transport regulations (ADR/RID, IMDG, ICAO/IATA).

No dangerous good in sense of this transport regulation.

14.1. **UN number**

not applicable

14.2. **UN proper shipping name**

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

not applicable

14.4. **Packing group**

not applicable

14.5. **Environmental hazards**

Land transport (ADR/RID)

Marine pollutant

not applicable

14.6. **Special precautions for user**

Transport always in closed, upright and safe containers. Make sure that persons transporting the product know what to do in case of an accident or leakage.

Advices on safe handling: see parts 6 - 8

Additional information

Land transport (ADR/RID)

tunnel restriction code

Sea transport (IMDG)

EmS-No.

not applicable

14.7. **Transport in bulk according to Annex II of MARPOL 73/78 and the IBC Code**

not applicable

SECTION 15: Regulatory information

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

EU legislation

National regulations

Restrictions of occupation

Observe employment restrictions under the Maternity Protection Directive (92/85/EEC) for expectant or nursing mothers.

Observe restrictions to employment for juvenils according to the "juvenile work protection guideline" (94/33/EC).

Other regulations, restrictions and prohibition regulations

Substance/product listed in the following inventories:

AICS listed

DSL listed

IECSC no information

KECI listed

MITI listed

PICCS listed

TSCA listed

15.2. **Chemical Safety Assessment**

For this substance a chemical safety assessment has not been carried out.

SECTION 16: Other information

Relevant R-and H-phrases (Number and full text):

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Version

Glyceryl Caprylate
Revision date 12.01.2012
Issue date 18.04.2013

EN
Page 7 / 7

Additional information

The information supplied on this safety data sheet complies with our current level of knowledge as well as with national and EU regulations. Without written approval, the product must not be used for purposes different from those mentioned in chapter 1. It is always the user's duty to take any necessary measures for meeting the requirements laid down by local rules and regulations. The details in this safety data sheet describe the safety requirements of our product and are not to be regarded as guaranteed attributes of the product.

Annex:

At present, data / information on exposure scenarios are not available, so that an evaluation of the preparation cannot yet be made.