SAFETY DATA SHEET

according to 1907/2006/EC, Article 31

GREEN VALLEY LABORATORY

Review date: 11/12/2019
Printing date: 11/12/2019

01 Identification of the substance/mixture and of the company/undertaking

1.1 Product identifier

- Trade name:
  Dolcea Emulgen MB

- INCI (PCPC):
  Cetearyl Alcohol (and) Glyceryl Stearate (and) Jojoba Esters (and) Helianthus Annus (Sunflower) Seed Wax (and) Sodium Stearoyl Glutamate (and) Water (and) Polyglycerin-3

- 1.2 Relevant identified uses of the substance or mixture and uses advised against
- Application of the substance / the preparation
  Ingredient (raw material) for cosmetic use.
  For additional information on the fields of use of this product, please contact us.

1.3 Details of the supplier of the safety data sheet

- Supplier:
  Green Valley Laboratory
  Killingly, CT 06241

1.4 Emergency telephone number:
HEMTREC Emergency Call Center +1 800-424-9300 (US & Canada) — +1 703-527-3887 (Europe)

02 Hazards identification

- 2.1 Classification of the substance or mixture

- Classification according to Regulation (EC) No 1272/2008
  Void

- 2.2 Label elements

- Labelling according to Regulation (EC) No 1272/2008
- Hazard pictograms
  Void
- Signal word
  Void
- Hazard statements
  Void

- **GHS label elements**
  Void

- **US NFPA 704 (National Fire Protection Association) Hazard Rating System**
- Health hazard:

(continued on page 2)

GREEN VALLEY LABORATORY

SAFETY DATA SHEET

according to 1907/2006/EC, Article 31

Review date: 11/12/2019
Printing date: 11/12/2019

PRODUCT : Dolcea Emulgen MB

(continued of page 1)

Rating 0: Normal material.
- Flammability:
  Rating 0: Will no burn.
- Reactivity:
  Rating 0: Stable.
- Other hazard information:
  None.
- **2.3 Other hazards**
- Results of PBT and vPvB assessment
- PBT:
  Not applicable.
- vPvB:
  Not applicable.

03 Composition/information on ingredients

- **3.2 Chemical characterization:**
- Description:
- Dangerous components:
  Mixture: consisting of the following components. This section describes all components of the mixture. When no classification is mentioned below the identification of the substance, the substance shall be considered →not classified→ according to Regulation EC 1272/2008.

CAS Number		%
85251-77-0	Glyceryl stearate EC number: 286-490-9 Record number 01-2119495562-30-XXXX	10.0<C<25.0
36653-82-4	hexadecan-1-ol EC number: 253-149-0 Record number 01-2119485905-24-XXXX	10.0<C<25.0
112-92-5	octadecan-1-ol EC number: 204-017-6 Record number 01-2119485907-20-XXXX	10.0<C<25.0
61789-91-1	Waxes and Waxy substances, jojoba EC number: 612--38-1-6 Record number EXEMPTED (ANNEX V.9)	10.0<C<25.0
8001-21-6	Sunflower oil EC number: 232-273-9 Record number EXEMPTED (ANNEX V.9)	5.0<D<10.0
	Sodium Stearoyl Glutamate EC number: 939-201-1 Record number 01-2119963376-28-XXXX Eye Irrit. 2 - H319; Aquatic Chronic 3 - H412	5.0<D<10.0
7732-18-5	Water EC number: 231-791-2 Record number NOT APPL. (ANNEX IV)	1.0<E<5.0
25618-55-7	1,2,3-Propanetriol, homopolymer, diisooctadecanoate EC number: 607--75-9-2 Record number EXEMPTED (POLYMERS)	0.1<F<1.0
59-02-9	Tocopherols EC number: 200-412-2 Record number 01-2120087339-44-XXXX	G< 0.1

(continued on page 3)

SAFETY DATA SHEET

according to 1907/2006/EC, Article 31

GREEN VALLEY LABORATORY

Review date: 11/12/2019
Printing date: 11/12/2019

PRODUCT : Dolcea Emulgen MB

(continued of page 2)

04 First aid measures

4.1 Description of first aid measures
-
- **General information:**
  No special measures required.
- **After inhalation:**
  Supply fresh air ; consult doctor in case of complaint.
- **After skin contact:**
  Wash with water and soap and rinse thoroughly.
  If skin irritation continues, consult a doctor.
- **After eye contact:**
  Rinse opened eye for several minutes under running water. If symptoms persist, consult a doctor.
- **After swallowing:**
  Seek immediate medical advice.
- **Information for doctor:**
  No further relevant information available.

4.2 Most important symptoms and effects, both acute and delayed
No further relevant information available.
4.3 Indication of any immediate medical attention and special treatment needed
No further relevant information available.

05 Firefighting measures

5.1 Extinguishing media
5.1 Suitable extinguishing agents:
CO2, powder or water spray. Fight larger fires with water spray or alcohol resistant foam.
5.2 Special hazards arising from the substance or mixture
No further relevant information available.
5.3 Advice for firefighters
No special measures required.
- Protective equipment:
  No special measures required.

06 Accidental release measures

6.1 Personal precautions, protective equipment and emergency procedures
Wear protective clothing.
Particular danger of slipping on leaked/spilled product.
6.2 Environmental precautions:
Do not allow product to reach sewage system or any water course.
Do not allow to enter sewers/ surface or ground water.
6.3 Methods and material for containment and cleaning up:
Pick up mechanically.
Ensure adequate ventilation.

07 Handling and storage

- **Handling:**

7.1 Precautions for safe handling
No special measures required.
- Information about fire - and explosion protection:
  Keep ignition sources away - Do not smoke.

(continued on page 4)

GREEN VALLEY LABORATORY

SAFETY DATA SHEET

according to 1907/2006/EC, Article 31

Review date: 11/12/2019
Printing date: 11/12/2019

PRODUCT : Dolcea Emulgen MB

(continued of page 3)

No special measures required.

7.2 Conditions for safe storage, including any incompatibilities
No special requirements.
- **Storage:**
- Requirements to be met by storerooms and receptacles:
  No special requirements.
- Information about storage in one common storage facility:
  Not required.

7.3 Specific end use(s)
No further relevant information available.

08 Exposure controls/personal protection

8.1 Control parameters
-
- **workplace:**

Ingredients w ith limit values that require monitoring at the
The product does not contain any relevant quantities of materials with critical values that have to be monitored at the workplace.
- Additional information:
  The lists valid during the making were used as basis.

8.2 Exposure controls
-
- **Personal protective equipment:**
- General protective and hygienic measures:
  The usual precautionary measures are to be adhered to when handling chemicals.
- Respiratory protection: Not necessary if room is well-ventilated.
- Protection of hands: Protective gloves
- Material of gloves
  The selection of the suitable gloves does not only depend on the material, but also on further marks of quality and varies from manufacturer to manufacturer. As the product is a preparation of several substances, the resistance of the glove material can not be calculated in advance and has therefore to be checked prior to the application.
- Eye protection: Safety glasses
- Body protection: Protective work clothing

09 Physical and chemical properties

9.1 Information on basic physical and chemical properties	
Appearance :	
Appearance:	
Form:	Solid material
pH-value:	Not determined.
Flash point:	Not applicable.
Flammability (solid, gaseous):	Not applicable.
Ignition temperature (auto ignition):	
Decomposition temperature:	Not determined.
Danger of explosion:	Product does not present an explosion hazard.
Vapour pressure:	Not determined.
Solubility in / Miscibility with water:	Insoluble.

(continued on page 5)

SAFETY DATA SHEET

according to 1907/2006/EC, Article 31

GREEN VALLEY LABORATORY

Review date: 11/12/2019
Printing date: 11/12/2019

PRODUCT : Dolcea Emulgen MB

(continued of page 4)

9.2 Other information	No further relevant information available.

10 Stability and reactivity

10.1 Reactivity
Stable.
10.2 Chemical stability
Stable.
- **Thermal decomposition / conditions to be avoided:**
  No decomposition if used according to specifications.

10.3 Possibility of hazardous reactions
No dangerous reactions known.
10.4 Conditions to avoid
No further relevant information available.
10.5 Incompatible materials:
No further relevant information available.
10.6 Hazardous decomposition products:
Carbon monoxide and carbon dioxide

11 Toxicological information

11.1 Summary :
A summary of the evaluation is presented here after.
- **Acute toxicity:**
- Primary irritant effect:
- on the skin:
  Not classified (Regulation CLP (EC) No 1272/2008).
- on the eye:
  Not classified (Regulation CLP (EC) No 1272/2008).
- Sensitization:
  Not classified (Regulation CLP (EC) No 1272/2008).
- **Subacute to chronic toxicity:**
  Not classified (Regulation CLP (EC) No 1272/2008).

- **Toxicological information about product :**
  No toxicity study has been done on the product.

12 Ecological information

12.1 Summary :
A summary of the evaluation is presented here after.
Toxicity:
Not classified (Regulation CLP (EC) No 1272/2008).
12.2 Persistence and degradability
No data available.
12.4 Mobility in soil
No further relevant information available.
- **Ecotoxical effects:**
- Acquatic toxicity:

85251-77-0 ***Glyceryl stearate***
fish, LC0: (96H) > 10000 mg/l
fish, LC50: (96H) > 10000 mg/l

(continued on page 6)

GREEN VALLEY LABORATORY

SAFETY DATA SHEET
according to 1907/2006/EC, Article 31

Review date: 11/12/2019
Printing date: 11/12/2019

PRODUCT : Dolcea Emulgen MB

(continued of page 5)

alga, EC50 (S): (72H) > 100 mg/l
daphnia, EC50 (S): (48H) > 100 mg/l
daphnia, LOEC: (21DAYS) > 0.01 mg/l
daphnia, NOEC: (21DAYS) > 0.01 mg/l
/, Biodegradabilit: (28DAYS) > 69 %
/, log P oct/wat: 6.1 MEASURED /

36653-82-4 hexadecan-1-ol
fish, LC50: > 100 mg/l
alga, EC50: (96H) 676 mg/l
/, Biodegradabilit: (28DAYS) > 60 %
/, log P oct/wat: 6.65 MEASURED /

112-92-5 octadecan-1-ol
daphnia, EC50/48h: >1000 mg/l (oecd 202)
fish, LC50: > 100 mg/l (OECD 203)
alga, EC50: > 100 mg/l (OECD 201)
bacteria, EC0: > 100 mg/l (OECD 209)

Sodium Stearoyl Glutamate
fish, LC50: 10-100 mg/l
daphnia, EC50: 10-100 mg/l
daphnia, NOEC: 0.1-1 mg/l (OECD guideline 201)

- **Additional ecological information:**
- General notes:
  At present there are no ecotoxicological assessments.
  See ecotoxicological data about components.
- **12.5 Results of PBT and vPvB assessment**
  Not classified PBT and vPvB (Annex VI Regulation (EC) No 1272/2008).

Indications about product :
No ecotoxicity study has been done on the product.

13 Disposal considerations

13.1 Waste treatment methods

- Recommendation
  Must be disposed of an incinerator.

- Recommendation about packaging :
  Disposal must be made according to official regulations.
  Packaging may be reused or recycled after cleaning.

14 Transport information

- **14.1 UN-Number**
  Not regulated.

ADR	Void
IMDG	Void
IATA	Void

- **14.2 UN proper shipping name**
  Not regulated.
- **14.3 Transport hazard class(es)**
  Not regulated.

ADR	
Class	Void
IMDG	

(continued on page 7)

SAFETY DATA SHEET

according to 1907/2006/EC, Article 31

Review date: 11/12/2019
Printing date: 11/12/2019

PRODUCT : Dolcea Emulgen MB

(continued of page 6)

Class	Void
IATA	
Class	Void

- **14.4 Packing group**
  Not regulated.

ADR	Void
IMDG	Void
IATA	Void

- **14.5 Environmental hazards:**
  Not applicable.
- **14.6 Special precautions for user**
  Not applicable.
- **14.7 Transport in bulk according to Annex II of MARPOL73/78 and the IBC Code**
  Not applicable.

- **Transport/Additional information:**
  Not applicable.

15 Regulatory information

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

- **Labelling according to EU guidelines:**
  The product is not subject to identification regulations under EU Directives and the Ordinance on Hazardous Materials (German GefStoffV) .

- **National regulations:**
- Additional classification according to Decree on Hazardous Materials, Annex II:
  Not classified.

- Classification according to VbF:
  -
  Not classified.

- Other regulations, limitations and prohibitive regulations
- Substances of very high concern (SVHC) according to REACH, Article 57
  Not classified SVHC.

- Classification WGK (Water hazard classes - Wassergefährdungsklassen):
  Wassergefährdungsklasse (WGK) : 1 (little polluting).

- Classification HMIS (Hazardous Materials Identification System)
- Health:
  Cat 0 : no significant risk to health.
- Flammability:
  Cat 0: Materials that will not burn.
- Reactivity (HMIS® I and II - now obsolete)
  Please consult NFPA classification.
- Physical Hazard (HMIS® III):
  Cat 0: Materials that are normally stable, even under fire conditions, and will not react with water, polymerize, decompose , condense, or self-react. Non-explosives.

- **International rules :**

(continued on page 8)

SAFETY DATA SHEET

according to 1907/2006/EC, Article 31

Review date: 11/12/2019
Printing date: 11/12/2019

PRODUCT : Dolcea Emulgen MB

(continued of page 7)

- USA :
Conforms to US TSCA (Toxic Substance Control Act). Substances that are regulated under other federal regulations (ie food additives, drug, cosmetics etc) are not subject to TSCA.

16 Other information

Regulatory requirements relative to the distribution of this MSDS : In accordance with the regulatory requirements, all information in the MSDS must be transmitted by the MSDS recipient to the health authorities, to any party receiving the products and to any other person likely to be exposed to the products.
Asterisks (*) on life show modifications with regard to last chemical safety data sheet.

- Relevant phrases
  H319 Causes serious eye irritation.
  H412 Harmful to aquatic life with long lasting effects.

- **Liability clause :**
  The information contained in this data sheet is based on our knowledge of the related product on the date indicated, but does not amount to a guarantee in respect of the product's properties and does not give rise to any contractual legal tie. This information is given in utmost good faith. It cannot substitute for indispensable preliminary tests that must be conducted to ensure product suitability for each intended use. The user's attention is also drawn to the possible risks incurred if a product is used for a purpose other than its designed purpose. This data sheet does not under any circumstance replace knowledge and application by the user of all laws and regulations relevant to his ...
- Abbreviations and acronyms:
  ADR: Accord européen sur le transport des marchandises dangereuses par Route (European Agreement concerning the International Carriage of Dangerous Goods by Road)
  RID: Règlement international concernant le transport des marchandises dangereuses par chemin de fer (Regulations Concerning the International Transport of Dangerous Goods by Rail)
  IMDG: International Maritime Code for Dangerous Goods
  IATA: International Air Transport Association
  IATA-DGR: Dangerous Goods Regulations by the "International Air Transport Association" (IATA)
  ICAO: International Civil Aviation Organisation
  ICAO-TI: Technical Instructions by the "International Civil Aviation Organisation" (ICAO)
  GHS: Globally Harmonised System of Classification and Labelling of Chemicals
  CAS: Chemical Abstracts Service (division of the American Chemical Society)
  VbF: Verordnung über brennbare Flüssigkeiten, Österreich (Ordinance on the storage of combustible liquids, Austria)
  PBT: Persistent, Bioaccumulative and Toxic
  SVHC: Substances of Very High Concern
  vPvB: very Persistent and very Bioaccumulative
- * Data compared to the previous version altered.