

# SAFETY DATA SHEET

LIPOTEC SAFETY DATA SHEET according to Regulation (EC) No. 1907/2006

Date: November 2016

Revision: 00

## SECTION 1: IDENTIFICATION OF THE SUBSTANCE/MIXTURE AND OF THE COMPANY/UNDERTAKING

1.1 PRODUCT IDENTIFIER	REPROAGE™ <i>peptide solution</i> CODE PD280
1.2 RELEVANT IDENTIFIED USES OF THE SUBSTANCE OR MIXTURE AND USES ADVISED AGAINST	This mixture is intended to be used exclusively as a COSMETIC INGREDIENT
1.3 DETAILS OF THE SUPPLIER OF THE SAFETY DATA SHEET	LIPOTEC S.A.U. Polígono Industrial Camí Ral C/Isaac Peral 17 08850 Gavà (Barcelona) SPAIN Phone. +34 93 638 80 00 Fax. +34 93 638 93 93 E-mail: commercial@lipotec.com
1.4 EMERGENCY TELEPHONE NUMBER	704.10.00.87 (Spain)

## SECTION 2: HAZARDS IDENTIFICATION

2.1 CLASSIFICATION OF THE SUBSTANCE OR MIXTURE	
<i>According to Regulation (EC) No 1272/2008</i>	Not classified as hazardous
2.2 LABEL ELEMENTS	
<i>Globally Harmonized System, EU (GHS)</i>	None
2.3 OTHER HAZARDS	
<i>According to Regulation (EC) No 1272/2008</i>	None known if handled in accordance with good industrial hygiene and safety practice

## SECTION 3: COMPOSITION/INFORMATION ON INGREDIENTS

3.1 SUBSTANCES	-
3.2 MIXTURES	REPROAGE™ <i>peptide solution</i> is solution containing active ingredients. Contains the following ingredients classified as hazardous according to EC 1272/2008.

INCI name	CAS	EINECS	Classification according to 1272/2008	Concentration
Caprylyl Glycol	1117-86-8	214-254-7	Eye Irrit. 2; H319	0.45 – 0.55%

**SECTION 4: FIRST AID MEASURES****4.1 DESCRIPTION OF FIRST AID MEASURES**

General advice	Remove contaminated clothing and wash with water
Skin contact	Rinse with water
Eye contact	Rinse immediately with plenty of water
Ingestion	Not toxic. If discomfort symptoms appear, call a physician
Inhalation	Not applicable

<b>4.2 MOST IMPORTANT SYMPTOMS AND EFFECTS, BOTH ACUTE AND DELAYED</b>	None expected
--	---------------

<b>4.3 INDICATION OF ANY IMMEDIATE MEDICAL ATTENTION AND SPECIAL TREATMENT NEEDED</b>	None known
---	------------

**SECTION 5: FIREFIGHTING MEASURES**

<b>5.1 EXTINGUISHING MEDIA</b>	Water, carbon dioxide, foam, dry powder
--------------------------------	---

<b>5.2 SPECIAL HAZARDS ARISING FROM THE SUBSTANCE OR MIXTURE</b>	Unknown
--	---------

<b>5.3 ADVICE FOR FIREFIGHTERS</b>	No special requirements needed
------------------------------------	--------------------------------

**SECTION 6: ACCIDENTAL RELEASE MEASURES**

<b>6.1 PERSONAL PRECAUTIONS, PROTECTIVE EQUIPMENT AND EMERGENCY PROCEDURES</b>	Avoid direct eye contact
--	--------------------------

<b>6.2 ENVIRONMENTAL PRECAUTIONS</b>	None known
--------------------------------------	------------

<b>6.3 METHODS AND MATERIAL FOR CONTAINMENT AND CLEANING UP</b>	A spill can be contained by capping the container  For cleaning up a spill use a suitable absorbent and pump it into the correct container
---	--

<b>6.4 REFERENCE TO OTHER SECTIONS</b>	See section 8
--	---------------

**SECTION 7: HANDLING AND STORAGE**

<b>7.1 PRECAUTIONS FOR SAFE HANDLING</b>	Handle in accordance with good industrial hygiene and safety practice  Avoid spills  Do not eat, drink and smoke in work areas
--	--

<b>7.2 CONDITIONS FOR SAFE STORAGE, INCLUDING ANY INCOMPATIBILITIES</b>	Keep the product in a clean, cool and dark place  Avoid extreme environmental conditions
---	--

<b>7.3 SPECIFIC END USE(S)</b>	See subsection 1.2
--------------------------------	--------------------

**SECTION 8: EXPOSURE CONTROLS/PERSONAL PROTECTION**

8.1 CONTROL PARAMETERS	Handle in accordance with good industrial hygiene and safety practice
8.2 EXPOSURE CONTROLS	
APPROPRIATE ENGINEERING CONTROLS	-
INDIVIDUAL PROTECTION MEASURES	
Eye/Face protection	Avoid contact with eyes, wear splash-proof chemical goggles
Skin protection	Chemical protective gloves Wear appropriate clothing to prevent any possibility of skin contact
Respiratory protection	Prevent inhalation of aerosols
Thermal hazards	-
ENVIRONMENTAL EXPOSURE CONTROLS	Environmental protection legislation for every country must be observed

**SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES**

9.1 INFORMATION ON BASIC PHYSICAL AND CHEMICAL PROPERTIES	
Appearance	Translucent solution
Colour	Colourless
Odour	Characteristic
pH	5.5 – 8.0
Melting point	-
Freezing point	-
Initial boiling point	-
Boiling range	-
Flash point	> 95 °C
Evaporation rate	-
Flammability	-
Upper/lower flammability limits	-
Upper/lower explosive limits	-
Vapour pressure	-
Vapour density	-
Relative density	0.96 – 1.06
Solubility	-
Partition coefficient n-octanol/water	-
Auto-ignition temperature	-
Decomposition temperature	-
Viscosity	-
Explosive properties	-
Oxidising properties	-
9.2 OTHER INFORMATION	-

**SECTION 10: STABILITY AND REACTIVITY**

10.1 REACTIVITY	No reactivity hazards known
10.2 CHEMICAL STABILITY	The substance/mixture is stable if stored and handled as recommended
10.3 POSSIBILITY OF HAZARDOUS REACTIONS	No hazardous reactions known if stored and handled as recommended
10.4 CONDITIONS TO AVOID	None known if stored and handled as recommended
10.5 INCOMPATIBLE MATERIALS	None known
10.6 HAZARDOUS DECOMPOSITION PRODUCTS	No hazardous decomposition products known if stored and handled as recommended

**SECTION 11: TOXICOLOGICAL INFORMATION**

11.1 INFORMATION ON TOXICOLOGICAL EFFECTS	
Acute toxicity	-
Skin irritation	HRIPT test: REPROAGE™ <i>peptide solution</i> is considered to have very good skin compatibility. No allergic reactions were detected.
Eye irritation	HET-CAM test: Acetyl Hexapeptide-8 showed no ocular irritation.
Corrosivity	-
Sensitisation	HRIPT test: REPROAGE™ <i>peptide solution</i> is considered to have very good skin compatibility. No allergic reactions were detected.
Repeated dose toxicity	-
Carcinogenicity	-
Mutagenicity	Ames Test: Acetyl Hexapeptide-8 showed no mutagenic effects.
Toxicity for reproduction	-
Other information	HEKa cytotoxicity: Acetyl Hexapeptide-8 showed no cytotoxic effects on cultured human epidermal keratinocytes. 3T3 cytotoxicity: Acetyl Hexapeptide-8 showed no cytotoxic effects on cultured human 3T3 fibroblasts.
INFORMATION ON LIKELY ROUTES OF EXPOSURE	No health effects known for the substance/mixture
SYMPTOMS RELATED TO THE PHYSICAL, CHEMICAL AND TOXICOLOGICAL CHARACTERISTICS	No potential adverse health effects or symptoms known
DELAYED AND IMMEDIATE EFFECTS AS WELL AS CHRONIC EFFECTS FROM SHORT AND LONG-TERM EFFECTS	No effects known
INTERACTIVE EFFECTS	No effects known

ABSENCE OF SPECIFIC DATA	-
MIXTURE VERSUS SUBSTANCE INFORMATION	No information available
OTHER INFORMATION	-

**SECTION 12: ECOLOGICAL INFORMATION**

12.1 TOXICITY	Not determined
12.2 PERSISTENCE AND DEGRADABILITY	Not determined
12.3 BIOACCUMULATIVE POTENTIAL	Based on product properties, no bioaccumulation is expected. The product has not been tested
12.4 MOBILITY IN SOIL	Not determined
12.5 RESULTS OF PBT AND vPvB ASSESSMENT	Not determined
12.6 OTHER ADVERSE EFFECTS	None known

**SECTION 13: DISPOSAL CONSIDERATIONS**

13.1 WASTE TREATMENT METHODS	This material and its container should be disposed safely avoiding release to the environment  National and regional provisions that may be in force should be observed
------------------------------	---

**SECTION 14: TRANSPORT INFORMATION**

14.1 UN NUMBER	Not applicable
14.2 UN PROPER SHIPPING NAME	Not applicable
14.3 TRANSPORT HAZARD CLASS(ES)	Not applicable
14.4 PACKING GROUP	Not applicable
14.5 ENVIRONMENTAL HAZARDS	Not applicable
14.6 SPECIAL PRECAUTIONS FOR USER	None
14.7 TRANSPORT IN BULK ACCORDING TO ANNEX II OF MARPOL73/78 AND THE IBC CODE	Not applicable

**SECTION 15: REGULATORY INFORMATION**

15.1 SAFETY, HEALTH AND ENVIRONMENTAL REGULATIONS/LEGISLATION SPECIFIC FOR THE SUBSTANCE OR MIXTURE	Relevant national laws should be carefully observed
15.2 CHEMICAL SAFETY ASSESSMENT	No chemical safety assessment has been carried out for the substance/mixture

## SECTION 16: OTHER INFORMATION

*Evaluation of the need of classification/no classification under Regulation (EC) No 1272/2008 has been carried out by evaluating the available information on the substance/mixture*

Classification of the substance/mixture

- No classification needed

Relevant R phrases

- None

Relevant hazard statements

- None

Relevant safety phrases

- None

Relevant precautionary statements

- None

Training for workers

- No special training required
- 

---

*All the information and instructions contained in this Safety Data Sheet are based on the current state of scientific and technical knowledge at the date indicated on the present Safety Data Sheet. Lipotec S.A.U. shall not be held responsible for any defect in the product covered by this Safety Data Sheet. The information contained herein is based on the present state of our knowledge and does not therefore guarantee certain properties. Recipients of our product must take responsibility for observing existing laws and regulations.*

*The trademarks referenced in this presentation are owned by The Lubrizol Corporation.*

*Note: Graphs and photographs of efficacy tests are available for customer use provided that the final product contains the same concentration of active as the formulations in our tests. Customers must request written permission for use of the graphic material and/or ingredient tradenames to Lubrizol. Customers are responsible for compliance with local and international advertising regulations.*

*The specific situation of the trademark in each country may vary and we recommend that you contact us for updated information.*

*Disclaimer:*

*The information including the claims and supporting data provided in this publication are provided for informational purposes only, upon the express condition that the User make its own assessment of the appropriate use of such information. While the information contained herein is believed to be reliable, there are no representations, guarantees, or warranties of any kind made as to its accuracy, suitability for particular applications, how the product(s) will perform in combination with other substance or in the User's process or the results obtained. All expressed and implied warranties are disclaimed. Lubrizol and its affiliates MAKE NO WARRANTIES, EXPRESS OR IMPLIED, INCLUDING, BUT NOT LIMITED TO, THE IMPLIED WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE. The User is solely responsible for ensuring that products marketed to consumers comply with all relevant laws and regulations and assumes all risk and liability of any use or handling of any materials. User agrees to indemnify and hold harmless Lubrizol and its affiliates for any and all actions arising from User's use of any information including claims in this publication, including, but not limited to, use in advertising and finished product label claims, and not present this publication as evidence of finished product claim substantiation to any regulatory authority. It is the User's sole responsibility to determine if there are any issues relating to patent infringement relating to the supplied information. Nothing contained herein is to be considered as permission, recommendation, nor as an inducement to practice any patented invention without permission of the patent owner.*

*© 2016 The Lubrizol Corporation. All Rights Reserved.*