

SAFETY DATA SHEET

LIPOTEC SAFETY DATA SHEET according to Regulation (EC) No. 1907/2006
Date: March 2024

Revision: 01

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

1.1. PRODUCT IDENTIFIER	Zenerity™ biotech ingredient CODE: BI150
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. Polígon 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: Lipotecorders@lubrizol.com
1.4 EMERGENCY TELEPHONE NUMBER	FOR TRANSPORT EMERGENCY CALL CHEMTREC (+1) 703 527 3887 OR WITHIN SPAIN 900868538

SECTION 2: HAZARDS IDENTIFICATION

2.1. CLASSIFICATION OF THE SUBSTANCE OR MIXTURE	
<i>According to Regulation (EC) No 1272/2008</i>	No Not classified as hazardous
2.2. LABEL ELEMENTS	
<i>According to Regulation (EC) No 1272/2008</i>	No None
2.3. OTHER HAZARDS	
<i>According to Regulation (EC) No 1272/2008</i>	No None known if handled in accordance with good industrial hygiene and safety practice.
<i>Endocrine Disruption- Toxicity</i>	The mixture does not contain components considered to have endocrine disrupting properties according to REACH Article 57(f) or Commission Delegated regulation (EU) 2017/2100 or Commission Regulation (EU) 2018/605 at levels of 0.1% or higher.
<i>Endocrine Disruption- Ecotoxicity</i>	The mixture does not contain components considered to have endocrine disrupting properties according to REACH Article 57(f) or Commission Delegated regulation (EU) 2017/2100 or Commission Regulation (EU) 2018/605 at levels of 0.1% or higher.

SECTION 3: COMPOSITION/INFORMATION ON INGREDIENTS

3.1. SUBSTANCES	-
3.2. MIXTURES	Zenerity™ biotech ingredient is a solution containing active ingredients. No hazardous ingredients to declare according to Regulation (EC) No 1272/2008 (CLP).

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
4.2 MOST IMPORTANT SYMPTOMS AND EFFECTS, BOTH ACUTE AND DELAYED	
	None expected
4.3 INDICATION OF ANY IMMEDIATE MEDICAL ATTENTION AND SPECIAL TREATMENT NEEDED	
	None known

SECTION 5: FIREFIGHTING MEASURES

5.1. EXTINGUISHING MEDIA	Water, carbon dioxide, foam, dry powder
5.2. SPECIAL HAZARDS ARISING FROM THE SUBSTANCE OR MIXTURE	Unknown
5.3. ADVICE FOR FIREFIGHTERS	No special requirements needed

SECTION 6: ACCIDENTAL RELEASE MEASURES

6.1. PERSONAL PRECAUTIONS, PROTECTIVE EQUIPMENT AND EMERGENCY PROCEDURES	Avoid direct eye contact
6.2. ENVIRONMENTAL PRECAUTIONS	None known
6.3. METHODS AND MATERIAL FOR CONTAINMENT AND CLEANING UP	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.
6.4. REFERENCE TO OTHER SECTIONS	See section 8

SECTION 7: HANDLING AND STORAGE

7.1. PRECAUTIONS FOR SAFE HANDLING	Handle in accordance with good industrial hygiene and safety practice. Avoid spills. Do not eat, drink and smoke in work areas.
7.2. CONDITIONS FOR SAFE STORAGE, INCLUDING ANY INCOMPATIBILITIES	Keep the product in a clean, cool and dark place. Avoid extreme environmental conditions.
7.3. SPECIFIC END USE(S)	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	Safety glasses
Skin protection	Gloves No additional skin protection measures needed
Respiratory protection	No protection required
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	
Physical state	Transparent Solution
Colour	Light Yellow to Yellow
Odour	Characteristic
Melting point/freezing point	-
Initial boiling point and boiling range	-
Flammability	-
Lower and upper explosion limit	-
Flash point	>95°C (ASTM D93)
Auto-ignition temperature	-
Decomposition temperature	-
pH	-
Kinematic viscosity	-
Solubility	-
Partition coefficient n-octanol/water	-
Vapour pressure	-
Density and/or relative density	1.16 – 1.26
Relative vapour density	-
Particle characteristics	-
9.2. OTHER INFORMATION	Refractive index: 1.423 – 1.463

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 HAZARD CLASSES AS DEFINED IN REGULATION (EC) No 1272/2008	
Acute toxicity	-
Skin corrosion/irritation	Zenerity™ biotech ingredient concentrate did not provoke irritative reactions under the conditions assayed and is considered to have very good skin compatibility (10%, HRIPT test).
Serious eye damage/irritation	Zenerity™ biotech ingredient concentrate presented no ocular irritation at 5 mg/ml.
Respiratory or skin sensitisation	Zenerity™ biotech ingredient concentrate is not considered sensitizing. It did not provoke irritative reactions under the conditions assayed and is considered to have very good skin compatibility (10%, HRIPT test). Zenerity™ biotech ingredient concentrate is predicted to be non-skin sensitizing at 1% according to OECD 442D and OECD 442E.
Germ cell mutagenicity	Zenerity™ biotech ingredient concentrate did not provoke induced gene mutations under the experimental conditions (AMES test).
Carcinogenicity	-
Reproductive toxicity	-
STOT-single exposure	-
STOT-repeated exposure	-
Aspiration hazard	-
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.
11.2. INFORMATION ON OTHER HAZARDS ENDOCRINE DISRUPTION	The mixture does not contain components considered to have endocrine disrupting properties according to REACH Article 57(f) or Commission Delegated regulation (EU) 2017/2100 or Commission Regulation (EU) 2018/605 at levels of 0.1% or higher.

OTHER INFORMATION	Standard and well-defined safety tests have been performed with the active ingredients involved, which have proven to be safe for cosmetic use.
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SECTION 12: ECOLOGICAL INFORMATION

12.1. TOXICITY	Not determined
12.2. PERSISTENCE AND DEGRADABILITY	Zenerity™ biotech ingredient concentrate is considered readily biodegradable (91%, 28 days, OECD 301B). Glycerin is also considered biodegradable (85%, 20 days, OECD 301D).
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. ENDOCRINE DISRUPTING PROPERTIES	The mixture does not contain components considered to have endocrine disrupting properties according to REACH Article 57(f) or Commission Delegated regulation (EU) 2017/2100 or Commission Regulation (EU) 2018/605 at levels of 0.1% or higher.
12.7. 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.
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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. MARITIME TRANSPORT IN BULK ACCORDING TO IMO INSTRUMENTS	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.

List of abbreviations and acronyms:

- PBT: Persistent, Bioaccumulative and Toxic.
- vPvB: very Persistent and very Bioaccumulative.
- CLP: Classification, Labelling and Packaging.

List of relevant hazard statements and precautionary statements:

- None

Training for workers:

- No special training required.

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