

PRODUCT INFORMATION DOSSIER (PI)

PRODUCT

LUMICEASE™ *blue ingredient*

Date

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Version

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PRODUCT INFORMATION

Trade Name & Code

Trade Name	Code
LUMICEASE™ <i>blue ingredient</i>	BI110

Manufacturer

LIPOTEC S.A.U.

C/ ISAAC PERAL 17, POL. IND. CAMÍ RAL

08850 GAVÀ (BARCELONA) – SPAIN

INCI name

GLYCERIN, WATER (AQUA), HYDROLYZED PEA PROTEIN, GLUCOSE, SODIUM CHLORIDE,
SODIUM SUCCINATE.

Composition

INGREDIENT	%*	CAS	EINECS
Glycerin	Up to 100%	56-81-5	200-289-5
Water (Aqua)	17.9527 - 21.9421 %	7732-18-5	231-791-2
Hydrolyzed Pea Protein	0.1059 - 0.1295 %	-	-
Glucose	0.1336 - 0.1632 %	50-99-7	200-075-1
Sodium Chloride	0.0888 - 0.1086 %	7647-14-5	231-598-3
Sodium Succinate	0.0070 - 0.0086 %	2922-54-5	220-871-2

* Target value concentration can be calculated as the mean value between maximum and minimum concentration. Please note that target value is not a sales specification of the product.

Additional information on ingredients

INGREDIENT	FUNCTION
Glycerin	Solvent
Water (Aqua)	Solvent
Hydrolyzed Pea Protein	Active ingredient
Glucose	Humectant
Sodium Chloride	Viscosity Controlling
Sodium Succinate	Buffering

- vegetal origin: Glycerin, Glucose.

INGREDIENT	PLANT (SPECIES)	PART OF PLANT	COUNTRY OF ORIGIN	CITES
Glycerin	<i>Brassica campestris</i>	Seed	European Union	N/A
	<i>Brassica napus</i>			
	<i>Helianthus annuus</i>			
Glucose	<i>Zea mays</i>	Grain	European Union	N/A

- biosynthetic origin: Hydrolyzed Pea Protein.

INGREDIENT	SPECIES	MANUFACTURING
Hydrolyzed Pea Protein	<i>Exiguobacterium sp.</i>	Fermentation
Sodium Succinate	<i>Exiguobacterium sp.</i>	Fermentation

- animal origin: none.
- synthetic origin: none.
- mineral origin: Water (Aqua), Sodium Chloride.



Specifications

Analytical Data

TEST	SPECIFICATION	METHOD
Physical appearance	Transparent solution	CC-10-01-B6
Colour	Colourless to Yellow	CC-10-01-B6
Specific gravity	1.16 – 1.26	CC-10-01-B3
pH	N.A.	-
Viscosity (cPs)	N.A.	-
Particle size (mm)	N.A.	-
Refractive index	1.424 – 1.464	CC-10-01-B4
Dry residue (%)	N.A.	-

Microbiological Data

TEST	SPECIFICATION	METHOD
TOTAL AEROBIC MICROBIAL COUNT	< 1000 cfu/g	MI-10-01-D09
TOTAL YEAST AND MOULD COUNT	< 100 cfu/g	MI-10-01-D09
SPECIFIC MICROORGANISMS:		
<i>Escherichia coli</i>	ABSENCE/g	MI-10-01-D09
<i>Pseudomonas aeruginosa</i>	ABSENCE/g	MI-10-01-D09
<i>Staphylococcus aureus</i>	ABSENCE/g	MI-10-01-D09
<i>Candida albicans</i>	ABSENCE/g	MI-10-01-D09

Storage

LUMICEASE™ *blue ingredient* should be stored in a clean, cool and dark place.

Shelf life

If stored as recommended, shelf life is 24 months.

Impurities

ANALYSIS	AVAILABLE	EXPECTED	RESULT/COMMENTS
Heavy metals	NO	-	Not analyzed
Diethylene Glycol	NO	NO	Not expected based on product knowledge
Other impurities	NO	-	Not analyzed

Regulatory status

Information on the regulatory status of LUMICEASE™ *blue ingredient* is given to the best of our knowledge in the chart below:

REGION	STATUS
European Union	In accordance with Regulation 1223/2009 on cosmetic products.
USA	No ingredients restricted by applicable cosmetic regulations. No ingredients listed in California's Proposition 65.
Japan	No ingredient restrictions known on the Standards for Cosmetics, Notification No.331/2000, as amended in April 2016.
Brazil	In accordance with article 11 from Resolution RDC No.7 of February 10, 2015.
Australia	All ingredients listed in AICS ¹ schedule. Exception : Sodium succinate* No ingredients listed in SUSMP ² .
China	All ingredients listed in IECIC schedule.
Canada	No ingredient listed in HOTLIST schedule Exception: Glycerin [†]

¹AICS: Australian Inventory of Chemical Substances.

²SUSMP: Standard for the Uniform Scheduling of Medicines and Poisons.

*The obligation to notify to NICNAS applies only to import volumes over 10 kg of substance/year.

[†]The raw material used is within the specifications of an accepted pharmacopoeia with respect to diethylene glycol (DEG) impurities.

REACH

INGREDIENT	STATUS	COMMENTS
Glycerin	Exempt (Annex V)	-
Water (Aqua)	Exempt (Annex IV)	-
Hydrolyzed Pea Protein	Exempt (< 1 Tonne/year)	-
Glucose	Exempt (< 1 Tonne/year)	-
Sodium Chloride	Registered by supplier	01-2119485491-33-XXXX
Sodium Succinate	Exempt (< 1 Tonne/year)	-

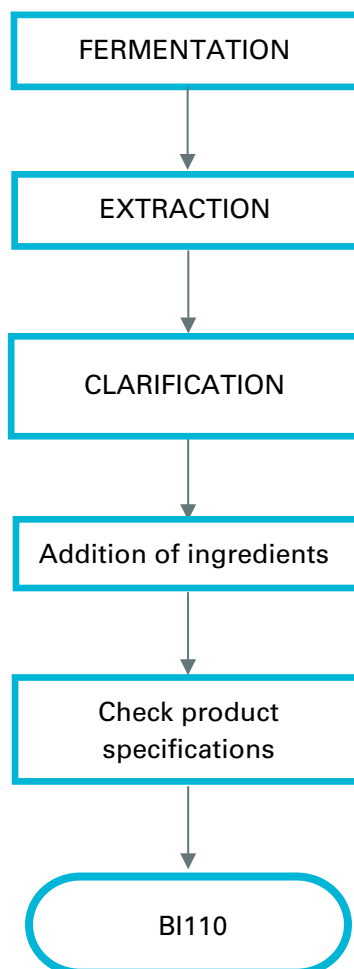
Statements

STATEMENT	YES/NO	COMMENTS
Does the product contain any genetically modified ingredient?	NO	-
Does the product contain as an ingredient any of the 26 substances listed in Annex III of Cosmetics Regulation (EC) 1223/2009 and identified by the SCCNFP as likely to cause allergenic reactions?	NO	-
Has the product undergone animal tests sponsored by Lipotec S.A.U.?	NO	-
Is the product expected to contain any pesticide?	NO	-
Does the product contain as an ingredient any substance classified as CMR (Carcinogenicity, Germ Cell Mutagenicity and Reproductive Toxicity) from classes 1A, 1B or 2 in accordance with CLP Regulation 1272/2008 and its subsequent amendments?	NO	-
Does the product contain, as an ingredient, any of the following glycol ethers? EDGME (CAS n° 110-71-4) DEDGME (CAS n° 111-96-6) TEDGME (CAS n° 112-49-2) EGBE (CAS n° 111-76-2) DEGBE (CAS n° 112-34-5) DEGEE (CAS n° 111-90-0)	NO	-
Does the product contain, as an ingredient, any phthalate?	NO	-

Is the product expected to contain any nanomaterial meaning <i>an insoluble or biopersistent and intentionally manufactured material with one or more external dimensions, or an internal structure, on the scale from 1 to 100 nm</i> , as defined in Regulation (EC) No 1223/2009 on cosmetic products?	NO	-
Is the product expected to contain gluten?	NO	-
Does the product contain any ingredient that, according to the information provided by our suppliers, falls under the definition of Volatile Organic Compound (VOC) as described in Directive 2004/42/CE?	NO	-
Is there risk of contamination with Bovine Spongiform Encephalopathy (BSE) or Transmissible Spongiform Encephalopathy (TSE) through the use of this product?	NO	-
Is the product expected to contain, as an ingredient, any dioxin?	NO	-
Does the product contain ethanol as an ingredient?	NO	-
Is the product suitable for vegetarians?	YES	-
Is the product suitable for vegans?	YES	-

MANUFACTURING FLOWCHART

The product LUMICEASE™ *blue ingredient* is manufactured according to the manufacturing standard protocol:





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