



PRODUCT INFORMATION DOSSIER (PI)

PRODUCT

POLLUSHIELD™ functional ingredient MB

DATE

October 2020

VERSION

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PRODUCT INFORMATION

Trade Name & Code

Trade Name	Code
POLLUSHIELD™ functional ingredient MB	PD270MB

Manufacturer

LIPOTEC S.A.U.

C/ ISAAC PERAL 17, POL. IND. CAMÍ RAL

08850 GAVÀ (BARCELONA) – SPAIN

INCI name

WATER (AQUA), PROPANEDIOL, DIISOPROPYL ADIPATE, LECITHIN, ACRYLIC ACID/ACRYLAMIDOMETHYL PROPANE SULFONIC ACID COPOLYMER, DIMETHYLMETHOXY CHROMANOL, GLYCERYL CAPRYLATE, XANTHAN GUM.



Composition

INGREDIENT	%*	CAS	EINECS
Water (Aqua)	Up to 100	7732-18-5	231-791-2
Propanediol	13.5 – 16.5	504-63-2	207-997-3
Diisopropyl Adipate	8.1 – 9.9	6938-94-9	230-072-0
Lecithin	3.6 – 4.4	8002-43-5	232-307-2
Acrylic Acid/Acrylamidomethyl Propane Sulfonic Acid Copolymer	2.322 – 2.838	37350-42-8	-
Dimethylmethoxy Chromanol	0.9 – 1.1	-	-
Glyceryl Caprylate	0.9 – 1.1	26402-26-6	247-668-1
Xanthan Gum	0.45 – 0.55	11138-66-2	234-394-2

* 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
Water (Aqua)	Solvent
Propanediol	Humectant
Diisopropyl Adipate	Skin-conditioning agent
Lecithin	Emulsifier
Acrylic Acid/Acrylamidomethyl Propane Sulfonic Acid Copolymer	Active Ingredient
Dimethylmethoxy Chromanol	Active ingredient
Glyceryl Caprylate	Emollient
Xanthan Gum	Viscosity-controlling agent

➤ vegetal origin: Lecithin, Glyceryl Caprylate.

INGREDIENT	PLANT (SPECIES)	PART OF PLANT	COUNTRY OF ORIGIN	CITES
Lecithin	<i>Glycine max</i>	Seed	USA, Brazil or India	N/A
Glyceryl Caprylate	<i>Elaeis guineensis*</i> , <i>Cocos nucifera</i>	Kernel Fruit	South-East Asia	N/A

*RSPO certified in the Mass Balance (MB) supply chain model



➤ biosynthetic origin: Propanediol, Xanthan Gum.

INGREDIENT	SPECIES	MANUFACTURING
Propanediol	<i>E.coli K-12</i>	Fermentation
Xanthan Gum	<i>Xanthomonas campestris</i>	Fermentation

- animal origin: none.
- synthetic origin: Acrylic Acid/Acrylamidomethyl Propane Sulfonic Acid Copolymer, Dimethylmethoxy Chromanol, Diisopropyl Adipate.
- mineral origin: Water (Aqua).

Naturality (according to ISO 16128)

CONTENT	%
Natural origin content	87.42



Specifications

Analytical Data

TEST	SPECIFICATION	METHOD
Physical appearance	Suspension	CC-10-01-B6
Colour	Light brown to brown	CC-10-01-B6
Specific gravity	0.95 – 1.05	CC-10-01-B3
pH	4.0 – 5.5	CC-10-01-B1
Viscosity (cPs) ¹	400 - 1600	CC-10-01-B2
Particle size (mm)	N.A.	-
Refractive index	N.A.	-
Dry residue (%)	N.A.	-

Microbiological Data

TEST	SPECIFICATION	METHOD
TOTAL AEROBIC MICROBIAL COUNT	< 100 cfu/g	MI-10-01-D09
TOTAL YEAST AND MOULD COUNT	< 10 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

Remarks

¹ RVDV, spindle 3, 50 r.p.m.

RSPO certified Product. Certificate No. BMT-RSPO-001068.

Supply chain model: Mass Balance.



Storage

POLLUSHIELD™ functional ingredient MB 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	YES	-	Heavy Metals < 10 ppm Arsenic < 0.5 ppm
Diethylene Glycol	NO	NO	Not expected based on product knowledge
Other impurities	NO	-	Not analyzed

Regulatory status

Information on the regulatory status of POLLUSHIELD™ functional ingredient MB 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: Dimethylmethoxy Chromanol* No ingredients listed in SUSMP ² .
China	All ingredients listed in IECIC schedule.
Canada	No ingredient listed in HOTLIST schedule.

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.



REACH

INGREDIENT	STATUS	COMMENTS
Water (Aqua)	Exempted (Annex IV)	-
Propanediol	Registered by supplier	01-2119489383-28-XXXX
Diisopropyl Adipate	Registered by supplier	01-2119979058-24-XXXX
Lecithin	Exempted (Annex IV)	-
Acrylic Acid/Acrylamidomethyl Propane Sulfonic Acid Copolymer	Exempted (polymer)	-
Dimethylmethoxy Chromanol	Exempt (< 1 Tonne/year)	-
Glyceryl Caprylate	Registered by supplier	01-2120119773-55-XXXX
Xanthan Gum	Exempt (Polymer)	-

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.?	YES	The active ingredient with INCI name Dimethylmethoxy Chromanol contained in POLLUSHIELD™ functional ingredient MB has undergone animal tests for safety purposes. The last test was performed in 2002.
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	-



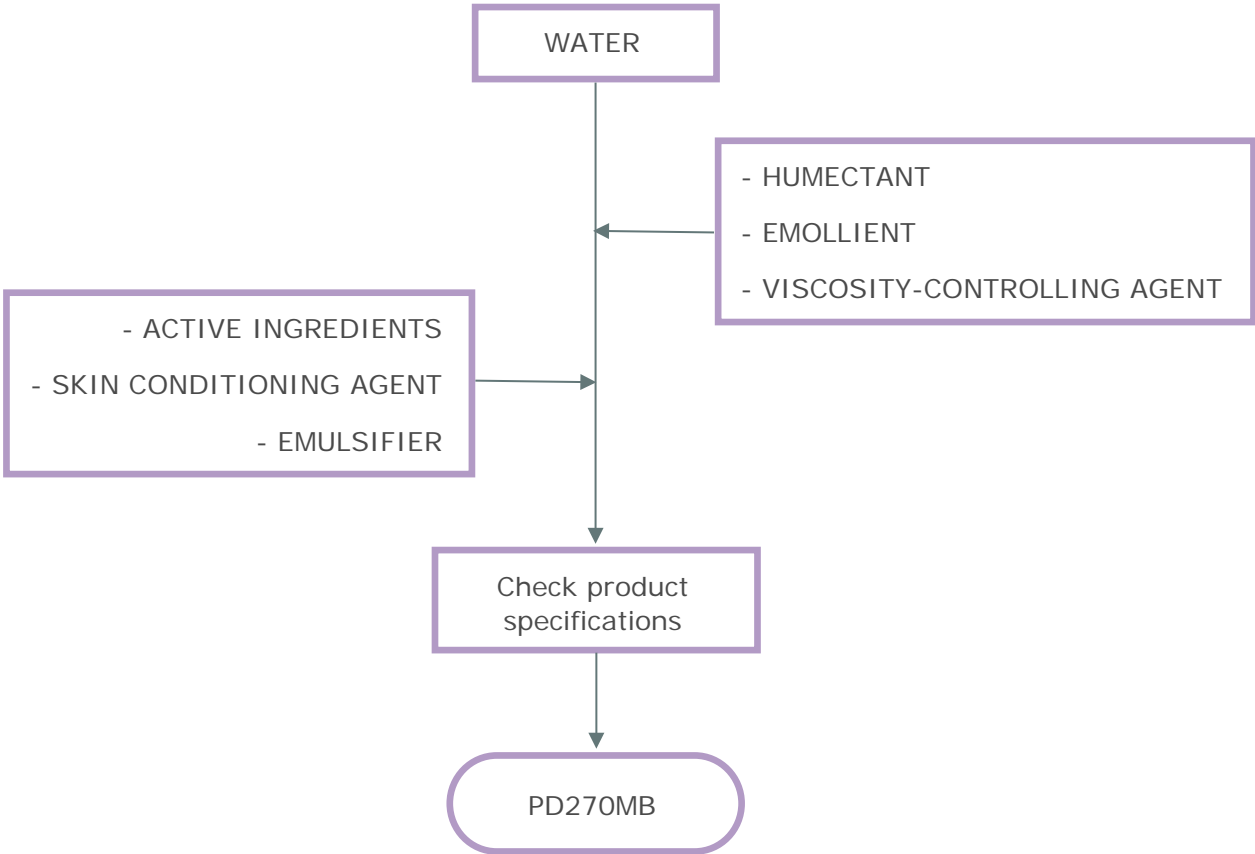
Does the product contain, as an ingredient, any of the following glycol ethers? EDGME (CAS n° 110-71-4) DEDGME (CAS n° 111-96-6) TEDGME (CAS n° 112-49-2) EGBE (CAS n° 111-76-2) DEGBE (CAS n° 112-34-5) DEGEE (CAS n° 111-90-0)	NO	-
Does the product contain, as an ingredient, any phthalate?	NO	-
Is the 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, as defined in Regulation (EC) No 1223/2009 on cosmetic products?</i>	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?	YES	*
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	-

* According to the information provided by supplier, the following ingredients fall under the definition of "Volatile Organic Compound (VOC)" as described in Directive 2004/42/CE: Propanediol. Please, note that this ingredient is not listed in Annex I of the Swiss Ordinance 814.018.



MANUFACTURING FLOWCHART

The product POLLUSHIELD™ functional ingredient MB is manufactured according to the manufacturing standard protocol:



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