



PRODUCT INFORMATION DOSSIER (PI)

PRODUCT

ACTIFCOL™ *advanced botanical ingredient*

Date

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Version

6

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PRODUCT INFORMATION

Trade Name & Code

Trade Name	Code
ACTIFCOL™ <i>advanced botanical ingredient</i>	QS097200 (500972-00)

Manufacturer

LIPOTEC USA, INC.

1097 YATES STREET, LEWISVILLE, TX

75057 (USA)

INCI name

WATER (AQUA), GLYCERIN, SODIUM CITRATE, LENTINUS EDODES EXTRACT, POTASSIUM SORBATE, SODIUM BENZOATE, PHYTIC ACID.

Composition

INGREDIENT	%*	CAS	EINECS
Water (Aqua)	77.04 – 94.16	7732-18-5	231-791-2
Glycerin	9.36 – 11.44	56-81-5	200-289-5
Sodium Citrate	2.097 – 2.563	6132-04-3	200-675-3
Lentinus Edodes Extract	0.9 – 1.1	223748-90-1	-
Potassium Sorbate	0.279 – 0.341	24634-61-5, 590-00-1	246-376-1
Sodium Benzoate	0.279 – 0.341	532-32-1	208-534-8
Phytic Acid	0.045 – 0.055	83-86-3	201-506-6

* 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
Glycerin	Solvent
Sodium Citrate	Buffering agent
Lentinus Edodes Extract	Skin-Conditioning Agent
Potassium Sorbate	Preservative
Sodium Benzoate	Preservative
Phytic Acid	Chelating Agent

- vegetal origin: Glycerin, Lentinus Edodes Extract, Phytic Acid.

INGREDIENT	PLANT (SPECIES)	PART OF PLANT	COUNTRY OF ORIGIN	CITES
Glycerin	Rapeseed (<i>Brassica napus</i>)	Seed	The Netherlands	N.A.
Lentinus Edodes Extract	Shiitake Mushroom (<i>Lentinus edodes</i>)	Mycelium, primordia, fruiting bodies and extracellular compounds	USA	N.A.
Phytic Acid	Rice (<i>Oryza sativa</i>)	Rice Bran	Japan	N.A.

- biosynthetic origin: Sodium Citrate.

INGREDIENT	SPECIES	MANUFACTURING
Sodium Citrate	<i>Aspergillus niger</i>	Fermentation

- animal origin: none.
- synthetic origin: Potassium Sorbate, Sodium Benzoate.
- mineral origin: Water (Aqua).

Naturality (according to ISO 16128)

CONTENT	%
Natural origin content	97.97

Specifications

Analytical Data

TEST	SPECIFICATION	METHOD
Physical appearance	Light to medium amber liquid	QCTM-0003 (v1)
Colour	Light to medium amber	QCWI-0068(v1)
Odor	Characteristic	QCTM-0003 (v1)
Specific gravity	1.00 – 1.10	TM-0001(v1)
pH	4.0 – 6.0	QC-0003(v3)
Refractive index	1.34 – 1.38	QCSOP-0058(v2)
Microbial plate count	< 100 cfu/g	USP <61>
Protein	> 0.25%	AOAC 981.10

Storage

ACTIFCOL™ *advanced botanical 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	-	-
Diethylene Glycol	NO	NO	Not expected based on product knowledge
Other impurities	NO	-	-

Regulatory status

Information on the regulatory status of ACTIFCOL™ *advanced botanical 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 ingredients 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 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 raw material used is within the specifications of an accepted pharmacopoeia with respect to diethylene glycol (DEG) impurities.

REACH

INGREDIENT	STATUS	COMMENTS
Water (Aqua)	Exempt (Annex IV)	-
Glycerin	Exempt (Annex V)	-
Sodium Citrate	Exempt (< 1 Tonne/year)	-
Lentinus Edodes Extract	Exempt (Annex V)	-
Potassium Sorbate	Exempt (< 1 Tonne/year)	-
Sodium Benzoate	Exempt (< 1 Tonne/year)	-
Phytic Acid	Exempt (< 1 Tonne/year)	-

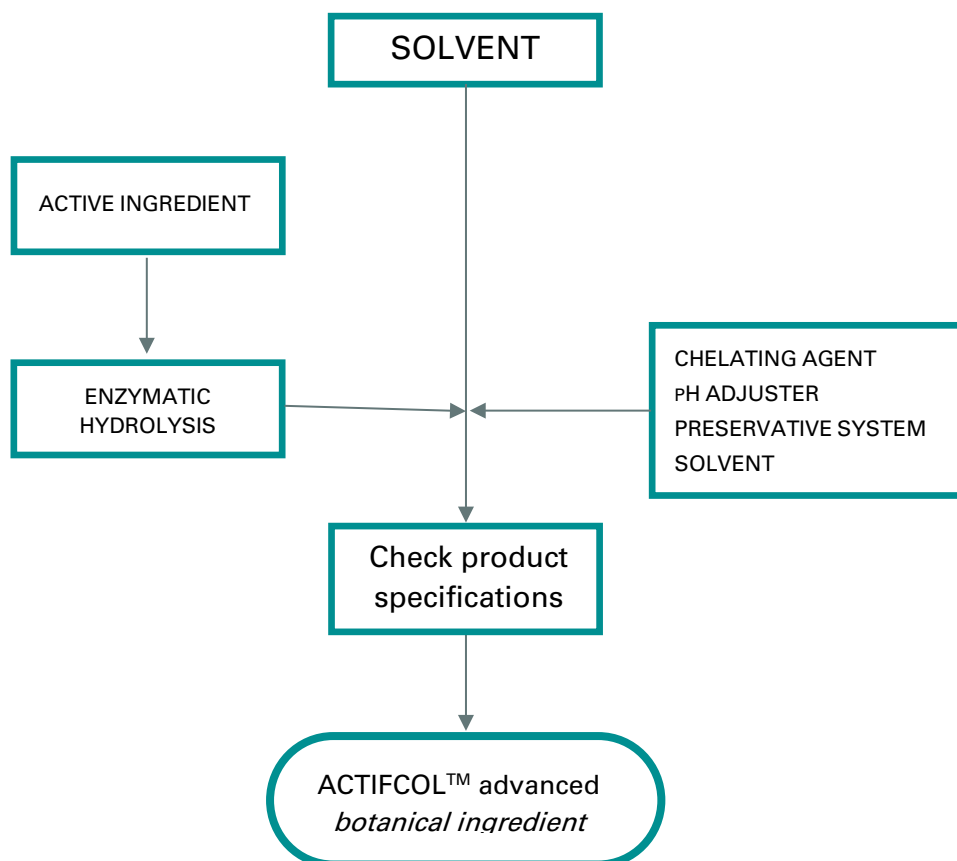
Statements

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 USA?	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 ACTIFCOL™ *advanced botanical ingredient* is manufactured according to the manufacturing standard protocol:



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