



Regulatory Dossier

Botanisil TE-C

21707 Nordhoff Street • Chatsworth, CA 91311

Tel: (818) 886-8067 • Fax: (818) 349-5649

www.botanigenics.com • email: info@botanigenics.com

Product Identification

Trade Name/Product #:	Botanisil TE-C
INCI Designation:	Lauryl PEG-8 Dimethicone
Grade:	Cosmetic
Harmonized Tariff Code:	3910.00.0000
Country of Origin:	USA
Revision Date:	3/2/2026

Composition & Material Identification

#	Constituent Name (INCI)	CAS#	EINECS#/ELINCS#	Min%	Max%	Constituent Function	Feedstock Origin
1.	Lauryl PEG-8 Dimethicone	212335-52-9			100	Key Ingredient	Synthetic
2.							
3.							
4.							

Status

Halal and Kosher:

Please be advised, Botanisil TE-C is not Halal or Kosher certified. To the best of our knowledge, Botanisil TE-C is considered suitable for Hala and Kosher Certification. No animal ingredients/by-products or drinking alcohols are used in the production of Botanisil TE-C and they are not expected in the finished product.

Vegan:

To the best of our knowledge, Botanisil TE-C is considered suitable for Vegan use. No animal or animal by-products are used in the production of Botanisil TE-C. No animal testing has been conducted on Botanisil TE-C.

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Global Inventory Status:

Product Name	US	Canada	EU	Australia	China	Japan	Korea	Philippines
	TSCA	Inventory	EINECS/ ELINCS	AICS	IECSC	ENCS	ECL	PICCS
Botanisil TE-C	Exempt	DSL	Listed	Not Listed	Listed	Listed	Not Listed	Not Listed

Restrictions:

Country	Restriction (% and approved use if any)
USA	Not aware of any restrictions
Canada	Not aware of any restrictions
EU	Not aware of any restrictions
Australia	Not aware of any restrictions
China	Not aware of any restrictions
Japan	Not aware of any restrictions
Korea	Not aware of any restrictions
Other:	

Additives

Formaldehyde:

Formaldehyde is not intentionally added during the manufacturing of Botanisil TE-C. Based on the source and manufacturing process, the presence of formaldehyde is not expected. Botanigenics does not analyze for presence of formaldehyde.

Preservatives:

Botanisil TE-C is an anhydrous ingredient and is not expected to support microbial growth. There are no preservatives used in the manufacturing of Botanisil TE-C.

Parabens:

Parabens are not intentionally added during the manufacturing of Botanisil TE-C. Based on the source and manufacturing process, the presence of parabens is not expected. Botanigenics does not analyze for presence of parabens.



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Pesticides:

There are no pesticides used during the processing or manufacturing of Botanisil TE-C. Based on the source components and manufacture process, we do not expect pesticides to be present in Botanisil TE-C. Botanigenics does not regularly analyze for presence of pesticides.

PFAS:

PFAs are not intentionally added during the manufacturing of Botanisil TE-C. Based on the source and manufacturing process, the presence of PFAS is not expected. Botanigenics does not analyze for the presence of PFAs.

Phthalates:

Phthalates are not intentionally added during the manufacturing of Botanisil TE-C. Based on the source and manufacturing process, the presence of phthalates is not expected. Botanigenics does not analyze for presence of phthalates.

Impurities

Impurities/Residues/Catalysts/Monomers/By-Products:

The following table lists the known technically unavoidable impurities/residues/catalysts/monomers/by-products. Botanigenics may not regularly analyze for these substances. These are typical values and do not constitute a product specification.

Impurity	CAS#	% or ppm or ppb
Total Heavy Metals (As, Co, Cd, Cr, Hg, Ni, Pb, Sb)		< 5 ppm each
Cyclotetrasiloxane (D4)	556-67-2	< 0.01%
Cyclopentasiloxane (D5)	541-02-6	< 0.1%
Cyclohexasiloxane (D6)	540-97-6	< 0.1%
Ethylene Glycol		< 11 ppm
1,4-Dioxane		< 1 ppm
Ethylene Oxide		< 1 ppm

D4/D5/D6:

Please refer to impurities table.

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Diethylene Glycol-Ethylene Glycol:

Please refer to impurities table.

1,4-Dioxane:

Please refer to impurities table.

Ethylene Oxide:

Please refer to impurities table.

Nitrosamines:

Nitrosamines are not intentionally added during the manufacturing of Botanisil TE-C. Based on the source and manufacturing process, the presence of nitrosamines is not expected.

Botanigenics does not analyze for presence of nitrosamines.

Residual Solvents:

Botanisil TE-C is not expected to contain Class I, II, and III residual solvents according to USP <467> above the stated concentration limits. Botanigenics does not analyze for presence of residual solvents in Botanisil TE-C.

Sulfates:

Sulfates are not intentionally added during the manufacturing of Botanisil TE-C. Based on the source and manufacturing process, the presence of sulfates is not expected. Botanigenics does not analyze for presence of sulfates.

Physical Attributes

Physical & Chemical Properties:

Physical State:	Clear to Slightly Hazy Liquid	
Color:	Colorless to Yellow	
Odor:	Characteristic	
Solubility in Water (20°C):	Insoluble	
Flash Point:	>100 ° C	>212 ° F

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ISO 16128:

The values of natural index (In), and natural origin index (Ino) according to ISO 16128 are as follows:

Product Name	In	Ino
Botanisil TE-C	0	0

Plant Derived: Yes ☐ No ☒

Component	
Plant Species	
Plant Part Used	
Genetically Modified (GMO)?	
*Nut/Seed Products: Yes ☐ No ☐	

**almonds, brazil nuts, cashews, chestnuts, coanuts, hazelnuts (filberts), macadamia nuts, pecans, pistachio nuts, shea nuts, seed products, oils, derivatives, peanuts, sesame seed, sunflower seed, cotton seed, canola*

Animal Derived: Yes ☐ No ☒

BSE/TSE:

No animal fats, oil, milk products, or other animal products are used as components or in the manufacture of Botanisil TE-C. It is therefore considered to be free of BSE/TSE contamination.

Allergens

Food Allergens:

Please be advised, while Botanigenics, Inc. does not analyze for allergens, based on the source, processing and manufacturing of the product we do not expect the presence of the following food allergens in Botanisil TE-C.

Gluten	Peanuts	Celery	Lupin
Shellfish	Soybeans	Mustard	Mollusks
Eggs	Milk	Sesame seeds	
Fish	Nuts	Sulphur dioxide	

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Gluten:

While we do not test for the presence of gluten in Botanisil TE-C, the components used in Botanisil TE-C are not derived from gluten associated grains. Therefore, we do not expect gluten to be present in the final material.

Fragrance Allergens:

Please be advised, we do not expect the presence of fragrance allergens above the limits stated in Regulation (EC) No 1223/2009, including its amendment Commission Regulation (EU) 2023/1545, in Botanisil TE-C. Botanigenics does not analyze for the fragrance allergens stated in Regulation (EC) No 1223/2009 in Botanisil TE-C.

Compliance

CMR:

Botanisil TE-C does not contain any intentionally added composition components classified as carcinogenic, mutagenic or toxic for reproduction (CMR) as defined in Directive 1272/2008. None of these substances are expected to form during manufacture and are not expected to be present in Botanisil TE-C except as unknown impurities at trace levels.

European Cosmetic Directive

The components of Botanisil TE-C are compliant with the European Cosmetic Directive ((EC) No 1223/2009).

IFRA:

Botanisil TE-C is not included in the IFRA guidelines.

Nanomaterials:

To the best of our knowledge, Botanisil TE-C is not considered a nanomaterial nor does it contain nanomaterials as defined by European Commission's definition of a nanomaterial ("A natural, incidental, or manufactured material containing particles, in an unbound state or as an aggregate or as an agglomerate and where, for 50% or more of the particles in the number distribution, one of more external dimensions is in the size range 1 nm – 100 nm").



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Prop 65:

Botanisil TE-C does not contain any intentionally added composition components known to cause cancer or reproductive toxicity as defined in California Proposition 65. None of these substances are expected to form during manufacture and are not expected to be present in Botanisil TE-C except as unknown impurities at trace levels. It is the responsibility of the end user to determine if its finished products require labeling under California Proposition 65.

SVHC:

Botanisil TE-C does not contain any intentionally added composition components identified on the Substance of Very High Concern list under REACH. None of these substances are expected to form during manufacture and are not expected to be present in Botanisil TE-C except as unknown impurities at trace levels.

Synthetic Polymer Microparticle:

"Synthetic polymer microparticle" is defined in the September 2023 Commission Regulation (EU) 2023/2055 amendment of Annex XVII to Regulation (EC) No 1907/2006. When evaluated against the definition cited within the regulation, Botanisil TE-C does not contain synthetic polymer microparticles. We do not expect the product to fall within the scope of the proposed restriction. Botanigenics does not analyze for the presence of synthetic polymer microparticles in Botanisil TE-C.

It remains the responsibility of the end user to comply with the final microparticle regulation for the finished products they are placing on the market.

Volatile Organic Content:

None of the components in Botanisil TE-C are classified as a VOC.

Testing

Animal Testing:

Botanigenics, Inc. does not test any of its products on animals.

Human Safety/Testing Summary:

Botanigenics, Inc. does not offer any additional human safety testing for this material.



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Environment/Sustainability

CITES and IUCN Red List:

To the best of our knowledge, Botanisil TE-C does not contain any substance or material contained on any of the CITES Appendices, or on the IUCN Red List of endangered species (fauna and flora). None of these substances or materials are intentionally added or expected to form during manufacture, and based upon information from our raw material suppliers, are not expected to be present in the finished raw material.

RSPO:

Botanisil TE-C does not contain any palm, or palm derived ingredients.