

**MAKIGREEN LCS+**

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Version 2

**Manufacturer: DAITO KASEI INDUSTRIES FRANCE**ZAC des Epineaux  
6 avenue Louis Blériot  
95740 Frépillon, FRANCE**Manufacturing site: FRANCE****Origin (geographical): FRANCE****Distributor: DAITO KASEI EUROPE**  
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62 Bd Henri Navier  
95150 Taverny – FRANCE  
Tel: +33 (0)1 30 40 01 01**DAITO KASEI KOGYO Co., LTD**  
1-6-28, Akagawa, Asahi-ku, Osaka, 535-0005, JAPAN  
Tel: +81 6 6922 1632**Date of first commercialization: 2016****1. REACH REGULATION**

Constituent	IUPAC Name	REACH status	Registration
Caprylyl/capryl glucoside	D-Glucopyranose, oligomeric, decyl octyl glycosides	Downstream user	01-2119488530-36-XXXX
Polyglyceryl-10 isostearate	Decaglyceryl monoisostearate	Exempted	Exempted (polymer)
Sodium dilaureamidoglutamide lysine	Reaction products of N-(1-oxododecyl)-glutamic anhydride, L-lysine and sodium hydroxide	Downstream user	01-2119893981-20-XXXX

CMR of Category 1A or 1B	<b>No</b>
PBT	<b>No</b>
vPvB	<b>No</b>
R50-R53	<b>No</b>
Need authorisation (annex XIV of REACH)	<b>No</b>

**2. CHEMICAL REGULATORY CONFORMITY****2-1 Japan**Are all the components listed in ENCS or ISHL? **No**

Sodium dilaureamidoglutamide lysine is not listed

Is in compliance with Quasi-Drug regulation? **No**Is in compliance with all the requirements of the Japanese standards of cosmetics? **Yes**

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Ingredient	Labeling code
Caprylyl/capryl glucoside	<b>556897</b>
Polyglyceryl-10 isostearate	<b>550666</b>
Sodium dilaureamidoglutamide lysine	<b>564062</b>

ENCS Existing and New Chemical Substances, ISHL Industrial Safety and Health Law.

**2-2. Europe**

Is in compliance with all the requirements of Regulation EC. No.1223/2009? **Yes**

- **Certificate I:** Cosmetic use, European directive, origin, tests on animals, BSE, GMO
- **Certificate II:** Allergens, CMR, glycol ether, phthalates, residual solvents
- **Certificate III:** Additives-residues-impurities, VOC, nonylphenol, SVHC

**2-3. USA**

Are all the components listed in TSCA? **No**

**Polyglyceryl-10 isostearate and sodium dilaureamidoglutamide lysine are not listed**

Is in compliance with all the requirements of American regulation? **Yes**

TSCA Toxic Substances Control Act

**2-4. China**

Are all the components listed in IECSC? **Yes**

Are all the components listed in IECIC2003 or IECIC2015 or ICID2004? **Yes**

IECSC Inventory of Existing Chemical Substance Control

IEIC Inventory of Existing cosmetic Ingredient in China, ICID International Cosmetic Ingredients Dictionary

**2-5. ASEAN**

(Member Countries: Brunei Darussalam, Cambodia, Indonesia, Laos, Malaysia, Myanmar, Philippines, Singapore, Thailand, Vietnam)

Is in compliance with all the requirements of ASEAN Cosmetic directive? **Yes**

ASEAN Association of South East Asian Nations

**2-6. Korea**

Are all the components listed in KECL and/or KCID? **Yes**

KECL Korean Existing Chemicals List, KCID Korean Cosmetic s Ingredients Dictionary

**2-7. Canada**

Are all the components listed in DSL or NDSL or ICL? **No**

**Polyglyceryl-10 isostearate and sodium dilaureamidoglutamide lysine are not listed**

Are the components listed on the Cosmetic ingredients Hotlist (June 2018)? **No**

DSL Domestic Substance List, NDSL Non-Domestic Substance List, ICL In Commerce List

**2-8. Australia**

Are all the components listed in AICS? **No**

**Polyglyceryl-10 isostearate and sodium dilaureamidoglutamide lysine are not listed**

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AICS Australian Inventory of Chemical Substances

**3. COMPOSITION (including additives)**

Component	INCI Name	%	Chemical class	Function	CAS Number	EC Number
Caprylyl/capryl glucoside	Caprylyl/capryl glucoside	60-80	Carbohydrates Ethers	Surfactant	68515-73-1	500-220-1
Polyglyceryl-10 isostearate	Polyglyceryl-10 isostearate	15-35	Glycerol esters & derivatives	Surfactant	133738-23-5	Polymer
Sodium dilaurylamidoglutamate lysine	Sodium dilaurylamidoglutamate lysine	0.50-5.00	Amides Amino acids	Skin conditioning agent Humectant	1243654-79-6	688-011-2

**4. ORIGIN**
**4.1- Naturalness**

	Origin	Natural index*	Natural origin index*
Caprylyl/capryl glucoside	V/S	0	1
Polyglyceryl-10 isostearate	V/S	0	1
Sodium dilaurylamidoglutamate lysine	B/S	0	1

\*According to the part 2 (Criteria for ingredients and products) of ISO 16128 standard  
S: Synthetic; Mi: Mineral; V: Vegetal; B: Biotechnology

**MAKIGREEN LCS+ has 100% of natural origin content.**

**4-2. Halal**

**See Halal statement**

**5. ANALYTICAL DATA**

5-1. Analytical Specification of the Raw Material attached **Yes**

5-2. Analytical Methods available **Yes**

**6. MICROBIOLOGICAL DATA**

6-1. Absence of pathogens **Yes**

6-2. Microbiological specifications **<100cfu/g**

**7. MANUFACTURING PROCESS**

7-1. Flowchart attached **Yes**

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7-2. GMP    **To provide high quality products Daito Kasei moved toward the implementation of GMP (EFfCI) in their production facilities**

**8. STORAGE/MANIPULATION/PACKAGING/TRANSPORT**

- 8-1. Conditions of storage    **At room temperature < 25°C**
- 8-2. Conditions and limitation of use linked to risks of instability or interaction    **None**
- 8-3. To be homogenized before sampling    **No**
- 8-4. Shelf life of the raw material    **3 years**
- 8-5. MSDS    **Available (QuickFDS)**
- 8-6. Tariff Code    **3402 90 10**
- 8-7. Packaging    **Jerrican**
- 8-8. Nature of material    **PEHD**
- 8-9. Label

MAKIGREEN LCS+  
NET      25 kg  
LOT No. PF82○○○○

**9. TOXICOLOGY**

We certify that the Substance Tested in Toxicological Studies listed in the attached certificate is of similar quality (i.e. impurity profile) than the current raw material on the market.

**See Certificate IV**

**10. CAUTION**

All alteration on the specifications, manufacturing process, origin, and toxicological data about this raw material will immediately be communicated.