Product specification

Material **DERMOFEEL PA-12**
Spec.Code **K00 STANDARD**

Inspection Characteristics	Method	Limits	Units	Z
Appearance				C
Loss on drying		15.00-36.00	%	X
pH-Value 1 %		9.0-12.0	pH-Value	X
Chloride		<=0.02	%	C
Sulphate		<=0.02	%	C
Calcium content		<=0.02	%	C
Arsenoxide As2O3		<=0.0003	%	C
Heavy Metals		<=0.001	%	C
Total Phosphorus content		13.80-25.00	%	X
Inorganic Phosphorus		0.0000-0.0200	%	X

Appearance	white powder or crystals

Report on inspection certificate: X = specific/actual value, C = unspecific value/conformity, T = not reported

This document is computer printed and therefore valid without signature.
All warranty claims in respect of the conformity of our product are subject to our General Terms and Conditions of Sale and Delivery. The data listed above reflects the criteria for our internal quality tests. We do not hereby make any express or implied warranty, whether for specific properties or for fitness for any particular application or purpose. All values are valid for the product when despatched from the works.

The Standard Test Methods can be obtained from specialized publishers. Evonik's test methods are available on request.

Edition 6
09 March 2020

dermofeel® PA-12

Product Data Record (PDR)

1. General Information

1.1 Supplier

Evonik Nutrition & Care GmbH
Business Line Care Solutions
Goldschmidtstrasse 100
D-45127 Essen / Germany
personal-care@evonik.com
https://www.evonik.com/personal-care

1.2 Product Description

dermofeel® PA-12 is in full compliance with current Cosmetic Regulation (EC) No 1223/2009.

1.2.1 Raw Material Category/Function

Chelating Agent

1.2.2 INCI Declaration

Sodium Phytate

1.2.3 Composition

Components (INCI EU/US)	Source	Percentage [%]
Sodium Phytate	Vegetable	100

This composition information serves for information of our customers only. It is neither relevant for the composition listing according to Cosmetic Regulation (EC) No 1223/2009, nor does it reflect the chemical composition according to the different chemical regulations in the world which is disclosed in the table "information on ingredients/hazardous components" in the relevant parts of the respective (Material) Safety Data Sheets.

1.2.4 Additives (Antioxidants, Preservatives)

INCI	CAS No. / REACH Reg. No.	EINECS / EC No.	Content	Function
no additives				

Unless mentioned in our PDR under section 2.2 (By-Products) or 2.3 (CMR), no components which are listed in Annex II of the Cosmetic Regulation (EC) No 1223/2009 and its modifications and updates are added to and are not to be expected in the above mentioned product due to the raw materials used and the production process.

2. Production Process

2.1 General Information on the Production Process

dermofeel® PA-12 is obtained by extraction from corn with diluted mineral acid subsequently neutralized.

Irradiation: dermofeel® PA-12 was not irradiated with γ-rays.

dermofeel® PA-12 is produced in the absence of any animal derived material of any type. Based on the information on the manufacturing process and production site no contamination with BSE/ TSE risk materials is to be expected.

Description and Origin of plant based materials:
Corn (Zea mays)

CITES: dermofeel® PA-12 is not based on raw materials from species listed in CITES appendices.

GMO Status:
The item contains moieties from corn (including oils and other refined ingredients). During the production no GMOs and derivatives from GMOs are used. All reasonable measures have been taken to avoid cross-contamination with GMOs or derivatives from GMOs.

2.2 By-Product/Impurities

Potentially occurring by – products are not added intentionally. Impurities e.g. residual solvents are technically unavoidable.

Description	**Expected Values**
Residual organic solvents	not applicable
Residual water content (crystal water)	15 - 36 %
Free amines	not applicable
Nitrosamines	not applicable
Monochloroacetic Acid	not applicable
Dichloroacetic acid	not applicable
Pesticides	meets the valid regulatory requirements for limits on agricultural pesticides
Total heavy metals	max. 10 ppm
As (calc. as As2O3)	< 2.5 ppm (corresponds to < 3 ppm As2O3)
Latex	not to be expected in the product due to the raw materials used and the production process
VOC	< 3 % according to SR (Swiss Right) 814.018
DEG	not applicable

2.3 CMR Substances

According to Cosmetic Regulation (EC) No 1223/2009 the use of substances classified as CMR (**C**arcinogenic, **M**utagenic or **R**eprotoxic) substances of category 1A or 1B or 2, under Part 3 of Annex VI to CLP Regulation (EC) No 1272/2008 in cosmetic products shall be prohibited.

Some of the CMR substances mentioned below and listed in Annex VI to CLP Regulation (EC) No 1272/2008 may be used as starting materials or solvents for the production of our cosmetic raw materials and may require reporting under California Proposition 65 or the California Safe Cosmetics Act, SB 484.

The presence of these substances has to be seen as non-intended and it is technically unavoidable in good manufacturing practice. Traces of CMR substances can derive from impurities of the starting materials or the manufacturing process.

CMR Substance	CAS No.	Starting material	Max. concentration/ Remark
Ethylene Oxide	75-21-8	no	
Propylene Oxide	75-56-9	no	
Octamethylcyclotetrasiloxane (D4)	556-67-2	no	
2-Ethylhexanoic Acid	149-57-5	no	
n-Hexane	110-54-3	no	
Methyl Chloride	74-87-3	no	
Dimethyl Sulphate	77-78-1	no	
1,4-Dioxane	123-91-1	no	
Formaldehyde	50-00-0	no	For more information on formaldehyde please refer to our factsheet available via our intoBeauty website. https://intobeauty.evonik.com/

2.4 "Allergens" according to the Regulation (EC) No 1223/2009

The presence of substances, the mentioning of which is required under the column 'Other' in Annex III, shall be indicated in the list of ingredients in addition to the terms perfume or aroma.
None of those substances have been intentionally added to our cosmetic ingredients or are formed during the manufacturing process according to our knowledge of the chemistry. An analytical proof for the absence of traces of those substances is not performed in our cosmetic ingredients.

2.5 Food Ingredients listed in Annex II of Regulation (EU) No 1169/2011

None of these substances have been intentionally added to our cosmetic raw materials or are formed during the manufacturing process according to our knowledge of the chemistry.

2.6 Nanomaterial

The product is not a nanomaterial according to the definition given by Cosmetic Regulation (EC) No 1223/2009, the Commission Recommendation 2011/696/EU and the French Decree No. 2012-232. For details, a separate statement is available on request.

2.7 Substances of Very High Concern (SVHC)

The candidate list of substances of very high concern is regularly updated and published by ECHA. If applicable, the information on the substance/s from the candidate list, contained in our product in reportable amounts, is included in section 3 of the product related Safety Data Sheet (SDS).

2.8 Country of Origin

dermofeel® PA-12 is manufactured in: China

3. Animal Testing

We hereby confirm that we have never conducted any animal tests with our product dermofeel® PA-12 nor that we have ordered such tests at third parties or third parties have conducted such tests with our knowledge and acceptance to fulfil the requirements of Cosmetic Regulation (EC) No 1223/2009.

Therefore dermofeel® PA-12 is in full compliance with Cosmetic Regulation (EC) No 1223/2009.

4. Microbiological Status

Total Viable Count: max. 100 cfu/g
Pathogens*: absent/g

* Pathogens are: Enterobacteria, Pseudomonas, Enterococci, Candida albicans, Staphylococci

5. Shelf Life / Storage Conditions

Please note:
The product is very hygroscopic. Keep it the container sealed and store it in a dry place.

1080 days after production (unopened original packaging)

6. Regulatory Status

6.1 HS-Code: 291990

EU-CN-Code: 29199000

6.2 Regulatory Status (Chemical Regulations)

Europe

Components Chemical Name/INCI	REACH Status*	CAS No.	EINECS / EC No.
Esters of sodium hydrogen Phosphate with myo- Inositol,plant-derived/Sodium Phytate	Reg No. 01-2120795385-40	17211-15-3	241-253-9

*) Any REACH registration no. referred to in this document covers the substance manufactured and/or imported into the European Community by Evonik Nutrition and Care GmbH (or by our affiliates or by our EU suppliers). In case that a customer purchases material produced outside the EU which was not imported into the EU before supply and subsequently imports that material into the EU, this is not covered by any of our existing REACH registrations.

Non EU - Countries/ Regions:

Component	Country	Inventory	yes / no	Remark
Sodium Phytate	Australia	AICS	no	But CAS 14306-25-3 (Myo-Inositol,hexakis(dihydrogen phosphate), sodium salt) is listed
	China	IECSC	no	But CAS 14306-25-3 (Myo-Inositol, hexakis(dihydrogen phosphate), sodium salt) is listed
	Canada	DSL	no	
	Canada	NDSL	no	
	Taiwan	TCSI	no	But CAS 14306-25-3 (Myo-Inositol, hexakis(dihydrogen phosphate), sodium salt) is listed

In the following countries the relevant authorities currently do not request pre-market approval for cosmetic raw materials:

Brazil, Japan, South Korea, Philippines, USA

6.2.1 Regulatory Status (Non EU - Cosmetic Regulations)

Other countries:

Component	Country	Inventory	yes / no	Remark
Sodium Phytate	China	CFDA	yes	IECIC No.08594
	Japan	JSQI	no	
	Japan	JCIA	yes	JCIA No. 559718

7. Toxicology and Ecotoxicology

Refer to our document: "Summary of Toxicological and Ecotoxicological Data"

8. Packaging

240 kg (48 x 5 kg)