

Cosmetic Product Safety Report

according to chapter III, article 10 of
Regulation (EC) No. 1223/2009 of the
European Parliament and of the Council

Product name:	pandoo Rasierseife
Product type:	Bathing/Showering
Formula:	see page1
Company:	pandoo GmbH am Wollmatinger Ried 13 78479 Reichenau
Version:	1.0
Date:	July 21, 2021

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Part A: Cosmetic Product Safety Information

A.1 Quantitative and qualitative composition of the cosmetic product

A.1.1 Formula

The CPSR is for pandoo Rasierseife Dreamy Care 3012202106, Into the Woods 3013202106

Ingredients present in both Rasierseifen

Trade name	Supplier	Art.No.	Conc. (%)
Cremer SAP BV 731-Shaving Soap Noodles GR	CREMER OLEO GmbH & Co. KG	n.a.	95,70
Babassuöl raffiniert, bio	All Organic Treasures GmbH	n.a.	2,00
Jojobaöl, kaltgepresst, bio	All Organic Treasures GmbH	n.a.	0,30

Ingredients present in Rasierseife Dreamy Care

Trade name	Supplier	Art.No.	Conc. (%)
Amande light 55011J	Floressence	n.a.	2,00

Ingredients present in Rasierseife Into The Woods

Trade name	Supplier	Art.No.	Conc. (%)
Amande light 55011J	Floressence	n.a.	1,00
Cedernholzöl atlas kbA, naturrein	Joh. Vögele KG	n.a.	1,00

A.1.2 Formula with INCI names

Ingredients present in both Rasierseifen

Trade name INCI name	Concentration	CAS #	EINECS/ ELINCS #	Intended Function
Cremer SAP BV 731- Shaving Soap Noodles GR				
Potassium Stearate	<33	593-29-3	209-786-1	Cleansing
Potassium Oleate	<33	143-18-0	205-590-5	Cleansing
Sodium Stearate	14-29	822-16-2	212-490-5	Cleansing
Sodium Oleate	14-29	143-19-1	205-591-0	Cleansing
Aqua	7-10	7732-18-5	231-791-2	Solvent
Potassium Cocoate	4-9,6	61789-30-8	263-049-9	Cleansing
Sodium Cocoate	1-6,7	61789-31-9	263-050-4	Cleansing
Glycerin	0,4-2	56-81-5	200-289-5	Solvent
Sodium Chloride	<0,5	7647-14-5	231-598-3	Bulking
Tetrasodium Glutamate Diacetate	<0,10	51981-21-6	257-573-7	Chelating
Babassuöl raffiniert, bio				
Orbignya Oleifera Seed Oil	2,00	91078-92-1	293-376-2	Emollient
Jojobaöl kaltgepresst, bio				
Simmondsia Chinensis Seed Oil	0,30	90045-98-0	289-964-3	Skin Conditioning

Ingredients present in Rasierseife Dreamy Care

Trade name	Concentration	CAS #	EINECS/ ELINCS #	Intended Function
Amande light 55011J				
Parfum	2,00	n.a.	n.a.	Perfuming

Ingredients present in Rasierseife Into The Woods

Trade name	Concentration	CAS #	EINECS/ ELINCS #	Intended Function
Amande light 55011J				
Parfum	1,00	n.a.	n.a.	Perfuming
Cedernholzöl atlas kbA, naturrein				
Cedrus Atlantica Wood Oil	1,00	92201-55-3	295-985-9	Perfuming

A.2 Physical/chemical characteristics and stability of the cosmetic product

A.2.1 Product specification

The product pandoo Rasierseife is developed for daily skin shaving.

The main active ingredients are Potassium Stearate, Potassium Oleate, Orbignya Oleifera Seed Oil and Simmondsia Chinensis Seed Oil.

A.2.2 Product type

Skin care product/ Bathing, showering: Rinse-off-product

A.2.3 Emulsion type

Not determined

A.2.4 Ph value

8,0-10,5

A.2.5 Appearance

Solid soap

A.3 Microbiological quality

A.3.1 Microbial Contamination/Specification

A challenge test isn't necessary because after the saponification, the soap doesn't contain water

A.3.2 Stability/Shelf Life

A standard stability test was rouled out over a period of 36 months. Test conditions; Darkness, 20-25° C, humidity 50%. The product passed the stability test without any negative remarks concerning appearance, odor, ph value

Minimum Durability is determined with 36 months, PAO 12 months

A.4 Impurities, traces information about the packaging material

The soaps are sold in Recyclingkarton from Ebro Color GmbH. The packaging fulfill the requirements for materials and articles intended to come into contact with foodstuffs. [Certificate of compliance]

A.5 Normal and reasonable foreseeable use

The application according to the product label as follows:

Rasierseife

A.6 Exposure of the cosmetic product

A.6.1 The site(s) of application

Face

A.6.2 The surface area(s) of application

Circa 860 cm²

A.6.3 The amount of product applied

The maximum amount: 10,0 g

A.6.4 The duration and frequency of use

once per day

A.6.5 The normal and reasonably foreseeable exposure route(s)

For skin shaving

A.6.6 The target (or exposed) population(s). Potential exposure of

Adults

A.6.7 Foreseeable use

The product will be used as a normal soap.

A.6.8 Calculation of Exposure

Parameter:

Default of human body weight: 60-70 kg

Route of exposure: dermal

Kind of exposure: rinse-off product

Retention factor: R: 0,01

Skin surface area: 840 cm²

Typical amount per application: ca. 10,0 g

Frequency of application of the finished product: 1/day

For the calculation of exposure we use the maximum daily amount of 0,1 g

A.7 Exposure of the substances

Dermal absorption reported as a percentage of the amount of substance applied:

The calculation of the SED will be as follows:

$$\text{SED} = A \text{ (G/day)} \times 1000 \text{ mg/g} \times C \text{ (\%)} / 100 \times D_{\text{Ap}} \text{ (\%)} / 100$$

$$\text{SED (mg/kg bw/day)} = \text{Systemic Exposure Dosage}$$

$$A \text{ (g/day)} = \text{Amount of the cosmetic product applied daily}$$

C(%)= the concentration of the ingredient under study in the finished cosmetic product on the application site

Dap (%)= Dermal Absorption expressed as a percentage of the test dose assumed to be applied in real life conditions

D in leave-on-products: 100 % (worst case)

D in rinse-off-products: 1 %

60 kg = default human body weight

A.8 Toxicological profile of the substance

Trade name: Cremer SAP BV 731-Shaving Soap Noodles GR

INCI: Potassium Stearate **Concentration: <33%**

CIR Compendium: Safe

INCI: Potassium Oleate **Concentration: <33%**

CIR Compendium: Safe

INCI: Sodium Stearate **Concentration: 14-29%**

CIR Compendium Safe

INCI: Sodium Oleate **Concentration: 14-29%**

CIR Compendium: Safe

INCI: Aqua **Concentration: 7-10%**

INCI: Potassium Cocoate **Concentration: 4-9,6%**

CIR Compendium Safe 1 to 52%

INCI: Sodium Cocoate **Concentration: 1-6,7%**

CIR Compendium Safe 1 to 52%

INCI: Glycerin **Concentration: 0,4-2%**

Acute oral toxicity: TDLo human oral: 1428mg/kg [9]

Acute dermal toxicity: LD 50 skin rabbit: > 10 g//kg [9]

Subchronic toxicity: NOAEL: 5000 mg/kg/bw/90d

Percutaneous permeation: no data available

Dermal Irritation: 500mg/24H MLD [9]

Mucosal/Eye Irritation: 126 mg MLD [9]

INCI: Sodium Chloride **Concentration: <0,5%**

Acute oral toxicity: TDLo oral human: 12357 mg/kg [9]

Subchronic toxicity: NOAEL: 2,3 g/d

Percutaneous permeation: no data available

Dermal Irritation: Skin rabbit: 500 mg/24 H MLD [9]

Mucosal/Eye Irritation: Eye rabbit: 100 mg MLD [9]

Sensitization Potential: no data available

Mutagenicity: no data available

INCI: Tetrasodium Glutamate Diacetate **Concentration: <0,10%**

Acute oral toxicity: LD 50 rat oral: > 2000 mg/kg [Echa]

Dermal toxicity: LD 50 rat dermal > 2000 mg/kg [Echa]

Subchronic toxicity: NOAEL: 300 mg/kg/bw/d (90day study) [Echa]

Percutaneous permeation: no data available

Dermal Irritation: non irritant to rabbit skin [Echa]

Mucosal/Eye Irritation: non irritant to rabbit eye [Echa]

Sensitization Potential: not sensitising [Echa]

Trade name: Babassuöl raffiniert, bio

INCI: Orbignya Oleifera Seed Oil:

Concentration: 2,00%

Acute orale toxicity:	no data available
Subchronic toxicity:	no data available
Percutaneous permeation:	no data available
Mucosal/Eye Irritation:	no data available
Skin Irritation:	no data available
Sensitization Potential:	no data available
Mutagenicity::	no data available
CIR Compenium:	Safe 0009 up to 27%

Trade name: Jojobaöl kaltgepresst, bio

INCI: Simmondsia Chinensis Seed Oil: Concentration: 0,30%

Acute orale toxicity: LDLo rat oral: 21,5g/kg [9]

Subchronic toxicity: LDLo rat oral: 151g/kg[9]

Percutaneous permeation: no data available

Mucosal/Eye Irritation: no data available

Skin Irritation: no data available

Sensitization Potential: no data available

Mutagenicity:: no data available

CIR Compendium: Safe up to 50%

Trade Name: Amande light 55011 J

INCI: Parfum

Concentration: 1,00-2,00%

See IFRA Conformity Certificate of the Perfume

The perfume doesn't contain following allergenic substances.

Trade Name: Cedernholzöl atlas kbA, naturrein

INCI: Cedrus Atlantica Wood Oil

Concentration: 1,00%

GRAS: Safe [GRAS, FDA, www.epa.gov]

The Oil doesn't contain allergenic substances

A.9 Calculation of exposure

The MOS should be at least 100 to declare a substance safe for use.

The margin of safety is defined as the ratio between the maximum dose tolerated without unwanted effects (NOEL) and the systemically absorbed dose both expressed as mg/kg body weight.

$$\text{Margin of Safety (MOS)} = \text{NO(A)EL} : \text{SED}$$

The systemically absorbed dose (in mg/kg body weight) is calculated from the exposition dose (in mg) divided by an "average user body weight" of 60 kg.

In accordance with the SCC the NO(A)EL used for the calculation of the MOS refers to the subacute/chronic toxicity effects wherever the respective data exist.

INCI name	Concentration	Exposure (SED) (mg/kg/bw)	Toxicological Data (mg/kg/bw)	Margin of Safety (MOS)
Potassium Stearate	<33	<0,06	CIR: Safe	Safe
Potassium Oleate	<33	<0,06	CIR: Safe	Safe
Sodium Stearate	14-29	0,02-0,04	CIR: Safe	Safe
Sodium Oleate	14-29	0,02-0,04	CIR: Safe	Safe
Potassium Cocoate	4-9,6	0,007-0,02	CIR: Safe	Safe
Sodium Cocoate	1-6,7	0,002-0,01	CIR: Safe 1% up to 52%	Safe
Glycerin	0,4-2	0,0007-0,004	5000	>10000
Sodium Chloride	<0,5	0,0008	2300	>10000
Tetrasodium Gutamate Diacetate	0,10	0,0002	300	>10000
Orbingnya Oleifera Seed Oil	2,00	0,006	CIR: Safe up to 27%	Safe
Simmondsia Chinensis Seed Oil	0,40	0,001	CIR: Safe up to 50%	Safe

INCI name	Concentration	Exposure (SED) (mg/kg/bw)	Toxicological Data (mg/kg/bw)	Margin of Safety (MOS)
Parfum	1,00-2,00	0,002-0,004	IFRA Conformity Certificate	Safe
Cedrus Atlantica Wood Oil	1,00	0,002	GRAS: Safe	Safe

A.10 Undesirable effects and serious undesirable effects

No undesirable effects and serious undesirable effects will be expected

A.11 Information on the cosmetic product

Statistic of complaints:

There are no complaints

A.12 Literature

1. Beck'sche Textsammlung Lebensmittelrecht, Kosmetik Verordnung
2. Notes of guidance for testing of cosmetic ingredients for their safety evaluation, SCCNFP/0321/00 Final
3. H.P. Fiedler, Lexikon der Hilfsstoffe für Pharmazie, Kosmetik und angrenzende Gebiete, Editio Cantor Verlag Aulendorf, 4. Auflage
4. Hagers Handbuch der Pharmazeutischen Praxis, 5. Auflage, 1990
5. Römpp Chemie Lexikon, 9. Auflage
6. M. Fey, J. Otte: Wörterbuch der Kosmetik, 3. Auflage, 1991
7. Blaue Liste, 2. Auflage, 1993
8. W. Umbach: Kosmetik, Thieme Verlag
9. Data Base: RTECS, Toxline, Toxcas
10. Material Safety Data Sheets
11. Technical Data Sheets

Part B: Cosmetic product safety assessment

B.1 Assessment conclusion and reasoning

The cosmetic product pandoo Rasierseife is safe concerning:

labelling

instructions for use and disposal

purity of the raw materials

packaging material.

Stability testing

The MOS of all ingredients is more than 100.

B.2 Name and Address of the Toxicological Expert

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Staatl. gepr. Lebensmittelchemikerin

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see attachment: Befähigungsausweis Regierungspräsidium Stuttgart

Safety Assessment

according to Chapter III, Article 10 of Regulation (EC) No 1223/2009 of the European Parliament and of the Council

Product name: pandoo Rasierseife
Formula: see page1
Company: pandoo GmbH
am Wollmatinger Ried 13
78479 Reichenau

is in consideration of the toxicological profile of the ingredients, their chemical structures and of the levels of exposures, according to the principles of the GLP and in consideration of the warning notices and the conditions of applications, harmless in the directed and foreseeable use for the human health.

This assessment is based on

toxicological profile

of the ingredients, toxicological/dermatological documentations of the raw materials, material safety data sheets, legal regulations, stability testing

chemical structure

as well as on the relevant standard operating procedures for manufacturing and production, on the operating procedures for quality control of the finished products and for the raw materials including physical and chemical testing where necessary.

level of exposure

based on the conditions of applications. To avert danger, we refer to the voluntary and legal warning notices and other information if they are part of the presentation of the product.

An assessment of the GMP is not enclosed.

Stuttgart, July 21, 2021



Beate Wanner
State Certified Food Chemist

Sicherheitsbewertung

gemäß Kapitel III, Artikel 10 der Verordnung (EG) Nr. 1223/2009 des Europäischen Parlaments und des Rates vom 30. November 2009 über kosmetische Mittel.

Produktname: pandoo Rasierseife

Rezeptur: see page1

Firma: pandoo GmbH
am Wollmatinger Ried 13
78479 Reichenau

ist unter Berücksichtigung des allgemeinen toxikologischen Profils der Bestandteile, ihres chemischen Aufbaus und des Grades der Expositionen nach Maßgabe der Grundsätze der Guten Laborpraxis unter Beachtung der Warnhinweise und Anwendungsbedingungen bei bestimmungsgemäßem und vorherzusehendem Gebrauch gesundheitlich unbedenklich.

Diese Bewertung stützt sich auf

das toxikologische Profil

der Bestandteile, verfügbare toxikologische/dermatologische Dokumentation der Rohstoffe, Sicherheitsdatenblätter, rechtliche Regelungen, Stabilitätstest

den chemischen Aufbau

das Betriebsrezept, physikalisch-chemische Untersuchung

den Grad der Exposition

ergibt sich aus den Anwendungsbedingungen, wie sie in der Gebrauchsanweisung festgelegt sind. Zur Gefahrenabwehr wird auf die freiwilligen und gesetzlichen Warnhinweise und sonstigen Informationen verwiesen, sofern sie Teil der Produktaufmachung sind.

Eine Bewertung nach der Kosmetik-GMP bleibt davon unberührt.

Stuttgart, den 21. Juli 2021



Beate Wanner
staatl. gepr. Lebensmittelchemikerin

Attachement A (Befähigungsausweis)



LAND BADEN-WÜRTTEMBERG
REGIERUNGSPRÄSIDIUM STUTTGART

BEFÄHIGUNGS AUSWEIS

Frau Beate W a n n e r

geboren am 17. April 1965 in Aalen

wird auf Grund des § 2 des Gesetzes zum Schutze der Berufsbezeichnung "Lebensmittelchemiker" vom 14. März 1972 (Ges. Bl. S. 69) mit Wirkung vom heutigen Tage die Erlaubnis erteilt, auf dem Gebiet der Lebensmittelchemie unter der Berufsbezeichnung

LEBENSMITTELCHEMIKERIN

tätig zu werden.



Stuttgart, den 11. Mai 1995

Winkler