



JOY

BODY, HAIR AND FACE CLEANSER 25-LS-APF-65-2
93.66 % NATURAL ORIGIN CONTENT

JOY é um cleanser 3 em 1 para corpo, cabelo e rosto que combina ingredientes de ponta para uma experiência de limpeza incomparável. A formulação conta com o biopolímero catiônico AURIST® AGC, que proporciona condicionamento, brilho, efeitos sensoriais e excelente formação de espuma. Também inclui o osmolito natural GENENCARE® OSMS BA, com benefícios de hidratação tanto para o cabelo quanto para a pele, durante e após a lavagem, além da experiência olfativa refrescante, revigorante e sofisticada proporcionada pelo extrato aromático Mandarin Ginger Lily Extract N65140-OS.

PHASE	INGREDIENT	INCI	SUPPLIER	KEY BENEFIT	% ww
A1	Zemea®	Propanediol	Primient Covation LLC		2.00
	Keltrol® CG-SFT V	Xanthan Gum	Tate & Lyle	thickener	1.50
A2	Water	Aqua			53.90
	ESAFLOR® T	Sodium Carboxymethyl/ Hydroxypropyltrimonium Chloride Tamarindus Indica Seed Gum	Lamberti	conditioner	0.20
A3	GENENCARE® OSMS BA	Betaine	IFF	moisturiser	1.00
	Potassium Sorbate	Potassium Sorbate	Nantong	preservative	0.30
	Purox® S Scopeblue	Sodium Benzoate	Lanxess	preservative	0.30
	dermofeel® PA-3	Sodium Phytate, Aqua, Alcohol	Evonik Dr. Straetmans	chelating agent	0.10
B1	Librateric® CAB-LS	Cocoamidopropyl Betaine	Libra	surfactant	24.00
B2	AKYPO® SUGAR LM-42	Sodium Lauryl Glucose Carboxylate, Lauryl Glucoside	Kao	co-surfactant	10.00
	Citric Acid	Citric Acid		pH adjuster	q.s.
B3	HoliSurf® HF	Glycolipids	Holiferm	co-surfactant	4.00
C	AURIST™ AGC	Water, Alpha-Glucan Hydroxypropyltrimonium Chloride, Propylene Glycol	IFF	conditioner	1.50
D	Mandarin Ginger Lily Extract N65140-OS	Available on request	Carrubba	scent	1.20
E	Citric Acid	Citric Acid		pH adjuster	q.s.



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MANUFACTURING PROCEDURE

- 1.Prepare phase A1 by dissolving Keltrol® CG-SFT V in Zemea®.
- 2.Prepare phase A2 by adding Esaflor® T to well stirred water and stir for 20 minutes for complete hydration.
- 3.Dissolve all ingredients of phase A3 in phase A2 one after another.
- 4.Add phase A1 to phase A2+A3 and stir until a homogeneous gel is formed.
- 5.Add phase B1 and stir until completely dissolved.
- 6.Add phase B2 and stir until completely dissolved. Adjust pH to 5 to ensure clear dissolution of AKYPO® Sugar LM-42.
- 7.Add phase B3 and stir until completely dissolved.
- 8.Add phase C and stir until completely dissolved.
- 9.Add phase D and stir until completely dissolved.
- 10.Adjust pH to 5.0 – 5.5. with phase E if necessary.

PRODUCT FEATURES

Appearance: slightly turbid gel

pH 20°C: 5.0 – 5.5

Viscosity: 2000 – 2500 mPas (Brookfield DV-1, RV05, speed 50 rpm)

Stability: Stable for more than 3 months at 4°C, 20°C and 40°C

BIESTERFELD PRODUCTS

Zemea®		
100 % natural origin	Palm-free Vegan	Vegan
Keltrol® CG-SFT V		
100 % natural origin	Palm-free	Vegan
Cosmos-certified	Natue-certified	Vegan
ESAFLOR® T		
87 % natural origin	Palm-free	Cosmos-conform
Vegan		
dermofeel® PA-3		
100 % natural origin	Palm-free	Vegan
Cosmos-certified	Natue-certified	Vegan

APPLICATION ADVICE

Apply to wet hair or skin and rinse thoroughly.



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Purox® S Scopeblue		
Palm-free	Vegan	Cosmos-conform
Natue-conform		
AURIST™ AGC		
97,9 % natural origin	Palm-free Vegan	
GENENCARE® OSMS BA		
100 % natural origin	Palm-free	Vegan
Cosmos-certified	Natue-certified	
Librateric® CAB-LS		
78 % natural origin	RSPO MB available	Vegan
AKYPO® SUGAR LM-42		
96 % natural origin	RSPO MB available	Vegan
Cosmos-certified		
HollSurf® HF		
100 % natural origin	Palm-free	Vegan
Cosmos-certified	Natue-certified	
Mandarin Ginger Lily Extract N65140-OS		
Cosmos-conform	Natue-conform	