



BTC

Chemical Distribution

A brand of BASF – We create chemistry

Alternatives for the Circle of Life

Personal Care Portfolio 2022



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Alternatives for the Circle of Life

Alternatives for the Circle of Life

Let us introduce you to our new product collection,

which focuses on alternative cosmetics – a growing trend that refers to minimalist facial and body care with alternative cosmetic products. Consumers of all ages increasingly require for products that are eco-friendly and plant based while at the same time cater to the individual needs of body and skin.

Therefore, we have come up with a well-balanced combination of sustainable and sensitive products for all generations offering full flexibility and variation in formulations.

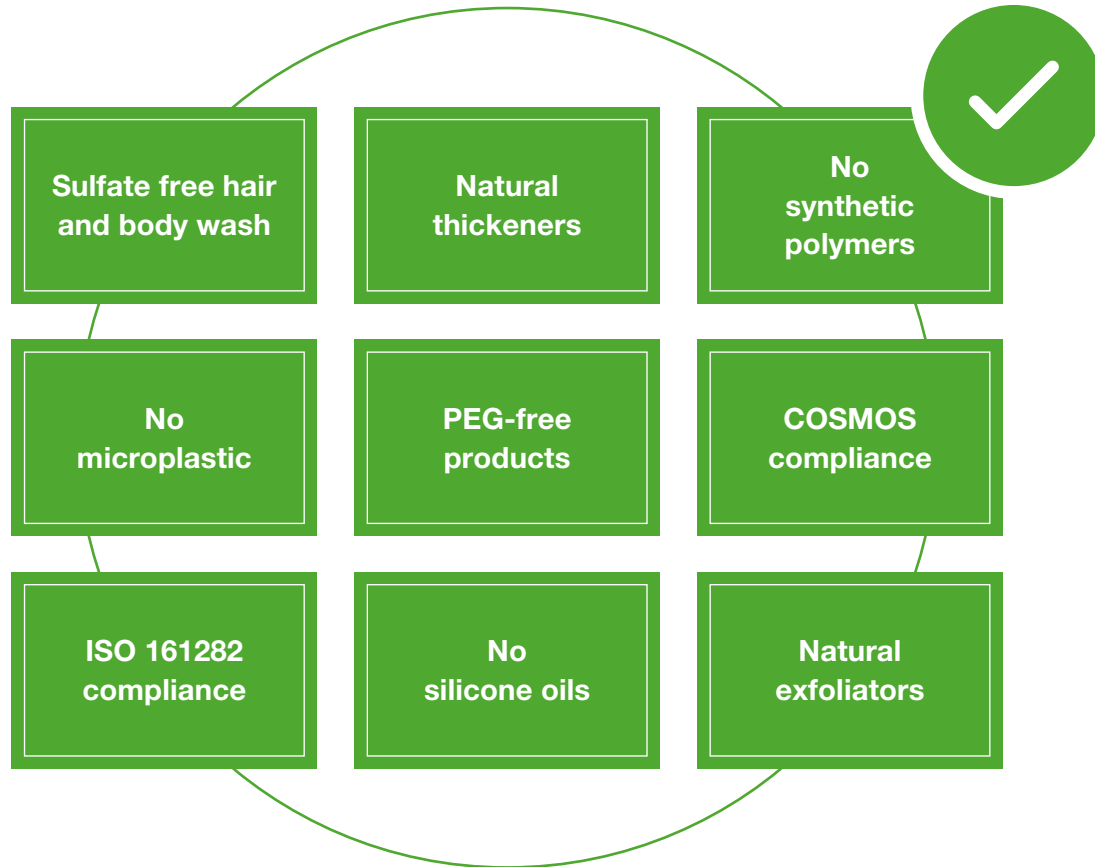


With a world population projected to reach the mark of 10 billion by 2050, consumers have developed an increasing awareness for resource-friendly technologies and products. We experience a significant change of mindset among customers, which has led to a rising demand in more sustainable personal care products.

At BTC Europe, sustainability is a guiding principle for all our business activities. It means aligning economic success with environmental and social responsibility to the benefit of our customers, partners and employees.

Our concept is based on our understanding of sustainability





The concept “Alternatives for the Circle of Life”, its selected products and ingredients, reflect this understanding and respond to the rapidly changing market demands.

Our alternatives are solutions for the whole family

As the natural cycle of life determines our development and maturation, it also has a decisive influence on our skin and body.

Therefore, every generation has its own needs for cosmetic products and our concept includes alternative products for every one of them.





While **baby** and **childrens'** skin need gentle and mild products, the generation of **teens** need pore reduction and mattifying products.



Our **Silver Care** products provide firmness, moisturizing and special care for thin and grey hair.



Women in their best ages are looking for moisturizing, hydrating, lines and wrinkle reducing products, **men** are more interested in light textures, moisturizing, soothing, energizing and revitalizing products.

The first part of the concept will focus on a variety of different products for babies, children and teenagers.



Our concept will appear in two parts



The second part of the concept – presented to you at the end of this year – will provide a selection of various body and skin care formulations for women, men and elderly people.



1st

Babys



Presented in this PDF

- **Baby Bottom Caring Cream** (SC-DE-21-002-1) ▶
- **Sweet Almond Baby Bath** (HB-DE-21-054-1) ▶

More BTC formulations on request

- **Keep Clean Wet Wipe** (SC-DE-15-088-58)
- **Have Fun In The Sun Lotion SPF 50** (UV-DE-20-032-1-4)

Children



Presented in this PDF

- **Calming Kids Cream** (SC-DE-21-003-5) ▶

More BTC formulations on request

- **Let 20 Minutes Go Bathing Pill** (HB-DE-21-009-8)
- **All In One Soft-Drink Shampoo** (HB-DE-21-008-4)

Teens



Presented in this PDF

- **Pasty Beach Blond Shampoo** (HB-DE-21-089-4) ▶
- **Herbal Hand Scrub** (SC-DE-21-012-4) ▶
- **Teeny Care Alternative Face Mask** (SC-DE-21-051-1) ▶
- **Vanilla Body Butter** (SC-DE-21-007-3) ▶

More BTC formulations on request

- **Cleansing Milk** (HB-DE-21-043-5)
- **Bi-Phase Make Up Remover** (HB-DE-21-029-13)
- **Anti-Acne Cream** (SC-DE-21-004-7)



Babys

Mild protection for sensitive skin

Characteristics

- The skin is thinner than adults' skin
- The horny layer shows a higher moisture content and looser structure
- Lower sweat and sebum formation
- Establishment of the acid mantle within the first four weeks of postnatal existence
- Baby skin pH of approximately 6.5
Adults' skin of approximately 5.5

Mild protection for sensitive skin

- Use of materials with an excellent toxicological profile
- Depending on the application type, use of materials that do not penetrate the skin
- Use of materials with an excellent skin compatibility profile > “dermatologically tested“; do not damage the skin barrier (diaper rash!); do not dry out the skin, not irritating
- Use of products that minimize changes to the healthy microflora and pH of the skin



Baby Bottom Caring Cream

SC-DE-21-002-1

A baby bottom cream with an appealing, smooth texture that helps protecting and strengthening the babies skin barrier.

Properties

- W/O formulation prevents skin wetness
- Excellent skin protection
- Calming and soothing effect
- Helps to prevent irritation and redness

Key Ingredients

Monomuls® 90-O-18

Glyceryl Oleate

Natural based emulsifier for W/O-emulsions, co-emulsifier for O/W systems; lipid layer enhancer

Dehymuls® PGPH

Polyglyceryl-2

Dipolyhydroxystearate

W/O-emulsifier for the preparation of all kind of W/O-emulsions

Lameform® TGI

Polyglyceryl-3 Diisostearate

Nonionic co W/O-emulsifier for creams and lotions



Baby Bottom Caring Cream SC-DE-21-002-1

Phase	Ingredients	INCI	% by	Function
A	Monomuls® 90-O 18	Glyceryl Oleate	3.00	Emulsifier (W/O)
	Lameform® TGI	Polyglyceryl-3 Diisostearate	1.00	Emulsifier (W/O)
	Dehymuls® PGPH	Polyglyceryl-2 Dipolyhydroxystearate	1.00	Emulsifier (W/O)
	Beeswax 8100	Beeswax	3.00	Consistency agent
	Cutina® HR Powder	Hydrogenated Castor Oil	1.00	Consistency agent
	Cegesoft® VP	Olus oil, Hydrogenated Vegetable Oil, Candelilla cera [EU], Vegetable Oil, Hydrogenated Vegetable Oil, Euphorbia Cerifera (Candelilla) Wax	2.00	Emollient
	Cetiol® PGL	Hexyldecanol, Hexyldecyl Laurate	13.00	Emollient
	Sunflower Oil	Helianthus Annuus (Sunflower) Seed Oil	3.00	Emollient
	Phytosoothe™ LS 9766	Brassica Campestris (Rapeseed) Sterols, Cetearyl Alcohol	3.00	Active ingredient
B	Zinc Oxide	Zinc Oxide	10.00	Active ingredient
	Magnesium Stearate	Magnesium Stearate	1.00	Stabilizer
C	Water, demin.	Aqua	53.50	–
	Glycerin*	Glycerin	3.00	Humectant
	Magnesium Sulfate	Magnesium Sulfate	1.00	Stabilizer
	D-Panthenol 75 W	Panthenol	1.50	Active ingredient
D	Preservative	–	q.s.	Preservative

Baby Bottom Caring Cream SC-DE-21-002-1

Specifications

- Viscosity (Brookfield; RVT; spindle TE; 4.Helipath; 23°C) 600 000 mPas

Manufacturing Process

- Heat up phase A to 80°C.
- Add phase B before emulsification.
- Mix phase C with boiled water and add to Phase A+B very slowly while stirring.
- Cool down while stirring.
- Below 40°C add components of phase D one by one.
- Homogenize (400g) 2 times with a triple roller mill at RT.

Perfume

–

Marketing Claims ^[1]

- Microplastic-free
- 98.5% Naturalness ^[2] ISO 16128

Sweet Almond Baby Bath

HB-DE-21-054-1

Its content of valuable natural emollients with a composition of extra mild surfactants guarantees an all-round pleasant cleansing and care experience.

Properties

- Soft and creamy foam experience
- With precious shea butter and almond oil
- Ultimate mildness for baby bath & wash
- With natural moisturizing effect

Key Ingredients

Plantapon® ACG 50

Disodium Cocoyl Glutamate

Anionic surfactant suitable for personal care cleansing preparations, e.g. mild shampoos, shower and bath preparations, facial washes and cleansing wipes

Plantacare® 810

Decyl Glycoside

Nonionic, mild surfactant suitable for various cosmetic cleansing preparations

Rheocare® XGN

Xanthan Gum

Pure vegan Xanthan Gum, excellent thickening and suspending capabilities, crystal clear aspect in water based formulations



Sweet Almond Baby Bath HB-DE-21-054-1

Phase	Ingredients	INCI	% by	Function
A	Water, demin	Aqua	42.00	–
	Rheocare® XGN	Xanthan gum	0.50	Stabilizer
B	Plantacare® 818 UP	Coco-Glucoside	14.00	Surfactant
	Dehyton® AB 30	Coco betaine	7.00	Surfactant
	Plantapon® ACG 50	Sodium Cocoyl Glutamate	5.00	Surfactant
	Glycerin	Glycerin	2.50	Humectant
	Sodium Benzoate	Sodium Benzoate	0.50	Preservative
	Citric Acid (50% solution)	Citric Acid	q.s.	pH Adjustment
C	Lameform® TGI	Polyglyceryl-3 Diisostearate	4.00	Emulsifier (W/O)
	Monomuls® 90-O 18	Glyceryl Oleate	2.00	Emulsifier (W/O)
	Cetiol® SB 45	Butyrospermum Parkii Butter	2.00	Emollient
	Cegesoft® VP	Olus oil, Hydrogenated Vegetable Oil, Candelilla cera [EU], Vegetable Oil, Hydrogenated Vegetable Oil, Euphorbia Cerifera (Candelilla) Wax	2.00	Emollient
	Almond oil (Gustav Hees)	Prunus Amygdalus Dulcis (Sweet Almond) Oil	17.00	Emollient
	Covi-ox T 90 EU C (Azelis)	Tocopherol	0.50	Antioxidant
	Perfume	Parfum	1.00	Fragrance

Sweet Almond Baby Bath HB-DE-21-054-1

Specifications

- | | |
|---|------------|
| ▪ pH value (23°C) | 4.8 |
| ▪ Viscosity (Brookfield; RVT; spindle 4; 10rpm; 23°C) | 5 000 mPas |

Manufacturing Process

- Heat up the water till 80°C and add Rheocare® XGN (phase A).
- Dissolve the polymer until a homogeneous gel is built.
- Premix phase B at room temperature and add to heated phase A (80°C).
- Stir until the mixture is homogeneous.
- Adjust the pH to a level of 4.5 – 4.9.
- Premix phase C and heat up to 80°C.
- Add phase C to phase A+B at 80°C.
- Cool down while stirring.
- Homogenize the formulation at 65°C with a suitable dispersion unit.
- Stir slowly and cool down the formulation to 30°C.

Perfume

- Düllberg: Green Vanilla

Marketing Claims ^[1]

- Sulfate-free
- Microplastic-free
- 98.4% Naturalness ^[2] ISO 16128



Children

Gentle formulations with fun

Characteristics

- The skin is still thinner and has less pigmentation
- Sweat and sebaceous glands are still less active
- The hydrolipid film and protective acid mantle are still relatively weak
- By the approximate age of 6 the structure of the skin is fully matured

Gentle formulations for sensitive skin

- Use of materials with an excellent toxicological profile
- Use products which do not damage the skin barrier and do not dry out the skin
- Depending on the application type, use of materials that do not penetrate the skin
- Particularly young skin needs protection from harmful UV rays



Calming Kids Cream

SC-DE-21-003-5

Light textured cream with a silky matte sheen entirely based on natural ingredients.

Properties

- Provides a soft and smooth skin feeling
- Formulating according to COSMOS standard
- Speeds up the recovery of a healthy skin microflora

Key Ingredients

Emulgade® Sucro Plus

Sucrose Polystearate (&
Cetyl Palmitate

Completely natural-based, Cos-
mos conform emulsifier. Provides
formulations with improved cush-
ion and pick-up and a nice sliding
effect, very good skin and eye
compatibility

Eumulgin® SG

Sodium Stearoyl Glutamate

Anionic emulsifier with very good
electrolyte and water-soluble sun
filter compatibility for the prepa-
ration of various cosmetic O/W
emulsions

Eutanol® G

Octyldodecanol

Medium spreading emollient suit-
able for cosmetic preparations for
which wide pH-range is needed,
e.g. deo/antipersirant & hair
remover formulations



Calming Kids Cream SC-DE-21-003-5

Phase	Ingredients	INCI	% by	Function
A	Emulgade® Sucro Plus	Sucrose Polystearate, Cetyl Palmitate	2.00	Emulsifier (O/W)
	Eumulgin® SG	Sodium Stearoyl Glutamate	0.50	Emulsifier (O/W)
	Lanette® O	Cetearyl Alcohol	4.00	Consistency agent
	Cetiol® OE	Dicaprylyl Ether	2.00	Emollient
	Myritol® 331	Cocoglycerides	2.00	Emollient
	Cegesoft® PS 6	Olus Oil [EU], Vegetable Oil [CTFA]	6.00	Emollient
	Eutanol® G	Octyldodecanol	3.00	Emollient
	Coconut Oil (Gustav Hees)	Cocos Nucifera (Coconut) Oil	0.50	Emollient
B	Covi-ox T 90 EU C (Azelis)	Tocopherol	0.50	Antioxidant
	Phytosoothe™ LS 9766	Brassica Campestris (Rapeseed) Sterols,Cetearyl Alcohol	2.00	Active ingredient
	Perfume	Parfum	0.20	Fragrance
C	Water, demin.	Aqua	73.40	–
	Glycerin 99% BIO	Glycerin	3.00	Humectant
	Rheocare® XGN	Xanthan Gum	0.10	Stabilizer
D	Geogard 221	Dehydroacetic Acid, Benzyl Alcohol	0.80	Preservative
	Citric Acid (50% solution)	Citric Acid	q.s.	pH Adjustment

Calming Kids Cream SC-DE-21-003-5

Specifications

- | | |
|---|-------------|
| ▪ pH value (23°C) | 5.0 – 6.0 |
| ▪ Viscosity (Brookfield; RVF; spindle 5; 10rpm; 23°C) | 24 800 mPas |

Manufacturing Process

- Phase A: Heat up phase A to 85°C and stir until everything is complete melted and homogeneous.
- Add phase B to phase A at 85°C short before emulsification and mix until everything is homogeneous.
- Phase C: Premix phase C, heat up to 85°C and add to phase A+B.
- Cool down to RT while stirring.
- At 45°C homogenize with a suitable dispersion unit (Ultra Turrax).
- After homogenizing add phase D at 30°C.

Perfume

- Düllberg: Green Vanille Natura

Marketing Claims ^[1]

- Microplastic-free
- 100 % Naturalness ^[2] ISO 16128



Characteristics

- Over 90% of the population is affected by impure skin at some time during their lives
- 80% of the teenagers develop impure skin; 20% of the patients need clinical treatments
- Increased levels of androgens lead to rise in testosterone levels. In the skin, this hormone is converted to the more potent dihydrotestosterone. This triggers an enlargement of the sebaceous glands and an increase in sebum production.
- Formation of comedones (whiteheads and blackheads) via increased proliferation of cells lining the sebaceous follicle, defective desquamation of the corneocytes and excessive sebum build up which blocks the pores
- The lipid rich sebum provides the Gram-positive bacteria with sufficient substrate for growth. This along with the microanaerobic milieu generated by the comedone, makes this an ideal environment for the excessive proliferation of microorganisms, e.g. *P. acnes*.
- Microorganisms provoke responses which lead to inflammation, in particular via the cytokine IL-1 α . Reactive oxygen species also seem to play a role in the inflammatory processes associated with acne.

Pore reduction and mattifying

- Products should not damage the skin barrier
- They should be dedicated to balancing the skin and controlling oil production
- They should be very mild (especially when therapy with e.g. peeling agents takes place)
- They should not contain dyes and perfumes that can exacerbate acne
- They should not dry out the skin as this can lead to overcompensation of sebum production by the skin
- Should be effective at deep pore cleansing, which may help to manage some acne-associated symptoms

Pasty Beach Blond Shampoo

HB-DE-21-089-4

A 4-times concentrated, easy to apply, pasty shampoo texture

Properties

- 4-times concentrated shampoo formulation
- Pasty texture – easy to use
- Excellent foaming properties

Key Ingredients

Jordapon® SCI Powder

Sodium Cocoyl Isethionate

Anionic co-surfactant suited for mild cleansing products e.g. shampoo, body wash, syndet bar etc.

Plantapon® ACG 50

Disodium Cocoyl Glutamate

Anionic surfactant suitable for personal care cleansing preparations, e.g. mild shampoos, shower and bath preparations, facial washes and cleansing wipes

Dehyquart® Guar HP

Guar Hydroxypropyltrimonium Chloride

Guar flour-based conditioning polymer for rinse-off applications like shampoos, hair treatments, and body cleansing



Pasty Beach Blond Shampoo HB-DE-21-089-4

Phase	Ingredients	INCI	% by	Function
A	Jordapon® SCI Powder	Sodium Cocoyl Isethionate	38.90	Surfactant
	Lanette® O	Cetearyl Alcohol	25.00	Consistency agent
	Coconut Oil (Gustav Hees)	Cocos Nucifera (Coconut) Oil	10.00	Emollient
B	Plantapon® ACG 50	Sodium Cocoyl Glutamate	10.00	Surfactant
	Plantacare® 818 UP	Coco-Glucoside	8.00	Surfactant
C	Sodium Benzoate	Sodium Benzoate	0.50	Preservative
	Colour	–	4.00	Colorant
	Dehyquart® Guar HP	Guar Hydroxypropyltrimonium Chloride	0.40	Conditioning agent
	Citric Acid (50% solution)	Citric Acid	2.20	pH Adjustment
	Timica® Extra Large Sparkle 110S	Mica, Titanium Dioxide	1.00	Effect pigment
	Perfume	Parfum	q.s.	Fragrance

Pasty Beach Blond Shampoo HB-DE-21-089-4

Specifications

- pH 10% 4.8 – 5.0
- Viscosity pasty

Manufacturing Process

- Heat up phase A to 80°C.
- Mix up phase B and add components of phase C one after another to get a homogeneous dilution.
- Add phase B+C to phase A and stir slowly.
- The recrystallisation will start and you will get a pasty structure.
- Cool down to RT while stirring slowly.

Preservative

0.5% Sodiumbenzoate

Perfume

- Düllberg: Beach Holliday Natura

Marketing Claims ^[1]

- Sulfate-free
- Microplastic-free
- 91.0% Naturalness ^[2] ISO 16128

Herbal Hand Scrub

SC-DE-21-012-4

Rich & caring hand scrub for sensitive skin with excellent care effect

Properties

- With gentle exfoliation effect for sensitive skin
- Easy to use “apply & rinse” concept
- Provides a soft and nourished skin feeling
- With Coconut- and Hemp-Oil

Key Ingredients

Emulgade® PL 68/50
Cetearyl Glucoside &
Cetearyl Alcohol

Very mild APG-based cream base, suitable for lamellar structures, fits to bio-mimetic concepts and supports skin softness

Cegesoft® Peel
Glycol Distearate

Exfoliant for mild cleansing
Rinse-off applications, suitable for vegan and biodegradable formulation concepts

Rheocare® XGN
Xanthan Gum

Pure vegan Xanthan Gum, excellent thickening and suspending capabilities, crystal clear aspect in water based formulations



Herbal Hand Scrub SC-DE-21-012-4

Phase	Ingredients	INCI	% by	Function
A	Water, demin.	Aqua	60.70	–
	Glycerin	Glycerin	4.00	Humectant
	Rheocare® XGN	Xanthan Gum	0.30	Rheology modifier
	Sodium Benzoate	Sodium Benzoate	0.50	Preservative
B	Emulgade® PL 68/50	Cetearyl Glucoside, Cetearyl Alcohol	3.00	Emulsion base
	Eumulgin® SG	Sodium Stearoyl Glutamate	0.50	Emulsifier (O/W)
	Lanette® O	Cetearyl Alcohol	3.50	Consistency agent
	AEC Hemp Oil (Local Supplier)	Cannabis Sativa Seed Oil	7.00	Emollient
	Myritol® 318	Caprylic/Capric Triglyceride	5.00	Emollient
	Coconut Oil (Gustav Hees)	Cocos Nucifera (Coconut) Oil	5.00	Emollient
	Cegesoft® VP	Olus oil, Hydrogenated Vegetable Oil, Candelilla cera [EU], Vegetable Oil, Hydrogenated Vegetable Oil, Euphorbia Cerifera (Candelilla) Wax	4.00	Consistency agent
	Cegesoft® PS 6	Olus Oil [EU], Vegetable Oil [CTFA]	2.00	Emollient
	Cutina® GMS V	Glyceryl Stearate	1.00	Consistency agent
	Perfume	Parfum	0.50	Fragrance
C	Cegesoft® Peel	Glycol Distearate	1.00	Exfoliant
	Coconut pulp Exfoliator (Lessonia)	Cocos Nucifera Fruit Powder	1.00	Exfoliant
	Olive Exfoliator 500 (Lessonia)	Olea Europaea (Olive) Seed Powder	1.00	Exfoliant

Herbal Hand Scrub SC-DE-21-012-4

Specifications

- pH value (23°C) 4.5 – 4.9
- Viscosity (Brookfield; RVT; spindle TE, Helipath; 4rpm; 23°C) 162 500 mPas

Manufacturing Process

- Phase A: Heat up phase A to 85°C and add Rheocare® XGN while stirring.
- Disperse Rheocare® till a homogenous gel is build.
- Phase B : Heat up phase B to 85°C.
- Add phase B to phase A while stirring.
- Phase A+B: Cool down phase A+B while stirring.
- At 55°C homogenize the formulation.
- After homogenizing adjust pH to 4.5 – 4.9.
- Add phase C at 40°C while stirring slowly and cool down to RT.

Perfume

- Düllberg: Natural Herb Bomb Natura

Marketing Claims ^[1]

- Microplastic-free
- 99.9% Naturalness ^[2] ISO 16128

Teeny Care Alternative Face Mask

SC-DE-21-051-1

A creamy mask, which reduces shininess, pores and imperfections of teen skin.

Properties

- Creamy texture
- Quick absorption
- Easy to remove

Key Ingredients

Plantacare® 2000 UP

Decyl Glucoside

Nonionic, mild surfactant suitable for various cosmetic cleansing preparations

Rheocare® XGN

Xanthan Gum

Pure vegan Xanthan Gum, excellent thickening and suspending capabilities, crystal clear aspect in water based formulations

Cutina® PES

Pentaerythrityl Distearate

Consistency wax with additional sensorial benefit



Teeny Care Alternative Face Mask SC-DE-21-051-1

Phase	Ingredients	INCI	% by	Function
A	Water, demin.	Aqua	61.00	–
	Glycerin	Glycerine	5.00	Humectant
B	Bix'Activ™ BC10050	Bixa Orellana Seed Extract, Maltodextrin	0.20	Active Ingredient
	Rheocare® XGN	Xanthan Gum	0.80	Stabilizer
	Veegum Pure (Vanderbilt Minerals LLC)	Magnesium Aluminum Silicate	3.00	Stabilizer
C	Microzest 50 green clay (Lessonia)	Illite	5.00	Rheology Modifier
	Kaolin (Berd Kraft)	Kaolin	15.00	Binding Agent
	BioMicrozest 25 rice (Lessonia)	Oryza Sativa Powder	1.00	Active Ingredient
D	Lanette® 16	Cetyl Alcohol	5.00	Consistency Agent
	Cutina® PES	Pentaerythrityl Distearate	2.00	Consistency Agent
E	Plantacare® 2000 UP	Decyl Glucoside	0.50	Surfactant
	Euxyl PE 9010	Phenoxyethanol, Ethylhexylglycerin	1.00	Preservative
	Perfume	Parfum	0.50	Fragrance

Teen Care Alternative Face Mask SC-DE-21-051-1

Specifications

- pH value (23°C) 6.5
- Viscosity (Brookfield; RVT; spindle TE, Helipath; 4rpm; 23°C) 350 000 mPas

Manufacturing Process

- Prepare phase A at RT and add the ingredients of phase B one by one, after dissolving or getting homogeneous.
- Phase A+B will be build a brown colored gel network at the end.
- Homogenize this for 30s.
- Then add phase C one by one while stirring to phase A+B.
- After a homogeneous mud has build heat up to 75°C.
- Heat phase D to 80°C and add to phase A+B+C while stirring.
- Cool down to 45°C and homogenize.
- Premix phase E and add to phase A+B+C+D at RT.
- Adjust the pH if necessary.

Perfume

Düllberg: Amara Natura

Marketing Claims ^[1]

- No synthetic polymers
- 99.7% Naturalness ^[2] ISO 16128
- Suitable for vegan concepts

Vanilla Body Butter

SC-DE-21-007-3

This delicious rich texture contains natural shea butter (Cetiol® SB 45) for a precious, soft skin feeling.

Properties

- Easy to distribute
- Without whitening effect
- Provides a soft and nourishing skin feeling

Key Ingredients

Cetiol® SB 45

Butyrospermum Parkii Butter

Exotic, waxy emollient with slow spreadability and high content of unsaponifiables. Suitable for all kinds of skin care products

Emulgade® PL 68/50

Cetearyl Glucoside & Cetearyl Alcohol

Very mild APG-based cream base, suitable for lamellar structures, fits to bio-mimetic concepts and supports skin softness

Eumulgin® SG

Sodium Stearoyl Glutamate

Anionic emulsifier with very good electrolyte and water-soluble sun filter compatibility for the preparation of various cosmetic O/W emulsions



Vanilla Body Butter SC-DE-21-007-3

Phase	Ingredients	INCI	% by	Function
A	Emulgade® PL 68/50	Cetearyl Glucoside, Cetearyl Alcohol	6.00	Emulsifier (O/W)
	Eumulgin® SG	Sodium Stearoyl Glutamate	0.50	Emulsifier (O/W)
	Cutina® PES	Pentaerythrityl Distearate	5.00	Consistency agent
	Lanette® O	Cetearyl Alcohol	4.00	Consistency agent
	Cutina® GMS V	Glyceryl Stearate	2.00	Consistency agent
	Cetiol® CC	Dicaprylyl Carbonate	4.00	Emollient
	Cetiol® OE	Dicaprylyl Ether	4.00	Emollient
	Cetiol® SB 45	Butyrospermum Parkii Butter	2.00	Emollient
	Cegesoft® HF 62	Hydrogenated Vegetable Oil	2.00	Consistency agent
	Coconut Oil (Gustav Hees)	Cocos Nucifera (Coconut) Oil	2.00	Emollient
B	Water, demin.	Aqua	63.00	–
	Glycerin	Glycerin	5.00	Humectant
	Rheocare® XGN	Xanthan Gum	0.30	Rheology modifier
C	Perfume	Parfum	q.s.	Fragrance
	Beta-Carotene (Local Supplier)	Vegetable Oil, Beta-Carotene	0.20	Active ingredient
D	Preservative	–	q.s.	Preservative
	Citric Acid (20% solution)	Citric Acid	q.s.	pH Adjustment

Vanilla Body Butter SC-DE-21-007-3

Specifications

- | | |
|---|--------------|
| ▪ pH value (23°C) | 6.0–6.5 |
| ▪ Viscosity (Brookfield; RVT; spindle TE, Helipath; 4rpm; 23°C) | 250 000 mPas |

Manufacturing Process

- Heat up phase A to 80°C.
- Build a homogeneous gel out of phase B with boiled water.
- Add phase A to B while stirring.
- Homogenize at 55–60°C (Ultra Turrax 50m/1Min/300g).
- Cool down while stirring.
- Below 40°C add components of phase C one by one.
- If necessary, adjust the pH to 6.0–6.5.

Preservative

- 1% Euxyl PE 9010
- 0.5% Sensiva SC 50

Perfume

Düllberg: Vanilla Lip Natura

Marketing Claims ^[1]

- No synthetic polymers
- 99.1% Naturalness ^[2] ISO 16128
- Suitable for vegan concepts



2nd

Specifics for Men, Women & Silver Care



The characteristics of adult skin – regardless of gender and age – are largely comparable.

Products that specifically address the skin types of men and women as well as different age groups are therefore not as distinctive as is the case with babies, children and teenagers.

Nevertheless, the formulations of the following three segments satisfy different preferences. For example, men generally prefer significantly lighter textures than is the case with women. With increasing age, when the skin gets thinner and the hair turns gray the requirements for care change accordingly.

Women



Presented in this PDF

- **Protecting Hand Cream** (SC-DE-21-152-1) ►

More BTC formulations on request

- **Shower Oil** (HB-DE-21-158-3)
- **Lifting and Hydrating Cream** (SC-DE-21-151-6)
- **Soft and Caring Night Cream** (SC-DE-21-152-1)
- **Nail Balm** (SC-DE-20-010-9)

Men



Presented in this PDF

- **Shaving Cream** (SC-DE-21-131-7) ►
- **Cooling After Shave Balm** (SC-DE-21-167-18) ►
- **Nourishing Beard Oil** (HB-DE-21-164-4) ►

More BTC formulations on request

- **Men Care Alternative Face Mask** (SC-DE-21-055-1)
- **No Residues Cream** (SC-DE-21-084-1)

Silver Care



Presented in this PDF

- **Silver Shampoo Bar** (HB-DE-21-224-2) ►
- **Super Hydrating Daily Care** (SC-DE-21-168-1) ►

More BTC formulations on request

- **Herbal Hand Cream** (SC-DE-21-096-2)
- **Soft Feet Peeling Cream** (SC-DE-21-172-2)



Protecting Hand Cream

SC-DE-21-152-1

This skin repair formula is heavy duty without being oily. It contains Cetiol® Softfeel, a vegan Vaseline alternative, which acts against dry, cracked skin and provides a natural moisture.

Properties

- Protecting and caring effect
- Easy to distribute
- Smooth and velvet after-skin feeling

Key Ingredients

Eumulgin® SG

Sodium Stearoyl Glutamate

Anionic emulsifier with very good compatibility towards electrolytes and water-soluble UV-filters. Suitable for preparation of various cosmetic O/W emulsion.

Emulgade® Sucro Plus

Sucrose Polystearate (& Cetyl Palmitate

Completely natural-based, COSMOS conform emulsifier. Provides formulations with improved cushion, pick-up and a nice sliding effect. Very good skin and eye compatibility.

Cetiol® C 5

Coco-Caprylate

A naturally derived sensorial alternative to Cyclomethicone.



Protecting Hand Cream SC-DE-21-152-1

Phase	Ingredients	INCI	% by	Function
A	Eumulgin® SG	Sodium Stearoyl Glutamate	0.30	Emulsifier (O/W)
	Emulgade® Sucro Plus	Sucrose Polystearate, Cetyl Palmitate	2.00	Emulsifier (O/W)
	Lanette® O	Cetearyl Alcohol	5.00	Consistency agent
	Cegesoft® HF 52	Hydrogenated Vegetable Oil	3.00	Consistency agent
	Cetiol® C 5C	Coco-Caprylate/Caprate	5.00	Emollient
	Cetiol® CC	Dicaprylyl Carbonate	5.00	Emollient
	Almond Oil	Prunus Amygdalus Dulcis (Sweet Almond) Oil	2.00	Emollient
	Cetiol® Softfeel	C12-18 Alkanoyl Glycerin/Sebacic Acid Copolymer	10.00	Emollient
B	Glycerin	Glycerin	5.00	Humectant
	Water, demin.	Aqua	61.85	–
	Sodium Benzoate	Sodium Benzoate	0.55	Preservative
C	Perfume	Parfum	0.30	Fragrance
	Citric Acid (50 % solution)	Citric Acid	q.s.	pH Adjustment

Protecting Hand Cream SC-DE-21-152-1

Specifications

- | | |
|---|--------------|
| ▪ pH (23 °C) | 4.8–5.0 |
| ▪ Viscosity (Brookfield; RVT; spindle 5, 10 rpm; 23 °C) | 600 000 mPas |

Manufacturing Process

- Heat phase A up to 80–85 °C and stir homogeneously.
- Heat phase B up to 80–85 °C and add to the oil phase while stirring.
- Allow the emulsion to cool while stirring in such a way that it remains in continuous motion.
- Homogenize with a suitable dispersion unit (e.g. Ultra Turrax) at approx. 55 °C.
- Add phase C after <40 °C.
- Adjust the pH value if necessary.
- Stop stirring at 30 °C.

Perfume

Düllberg: Nivonia Natura

Marketing Claims ^[1]

- Formulated according to COSMOS Natural standard
- Free from Mineral Oil
- No synthetic polymers
- 100 % Naturalness ^[2] ISO 16128
- Suitable for vegan concepts



Shaving Cream

SE-DE-21-131-7

This shaving cream is easy to use, softens the beard and acts as a lubricant between the shaving hardware and the skin.

Properties

- Low Foaming
- Special gliding Effect
- Cared after Feel

Key Ingredients

Texapon® SFA

Disodium 2-Sulfolaurate

A naturally derived, anionic surfactant for ultra-mild, even tear-free rinse-off formulations

Cutina® FS 45

Palmitic Acid, Stearic Acid

Composition of fatty acids, which provide consistency and – in their neutralized form as a soap – act as emulsifier and support shaving.

Cetiol® SB 45

Butyrospermum Parkii Butter (EU)

Special fraction of the Shea butter, characterized by a higher melting point (42 – 46 °C) and a high content of unsaponifiable matter (6 – 13 %).



Shaving Cream HB-DE-21-131-7

Phase	Ingredients	INCI	% by	Function
A	Cutina® GMS-SE	Glyceryl Stearate SE	3.50	Emulsifier (O/W)
	Cutina® FS 45	Stearic Acid, Palmitic Acid	10.00	Emulsifier (O/W)
	Cacao Butter (Gustav Heess)	Theobroma Cacao (Cocoa) Seed Butter	1.00	Consistency agent
	Lanette® O	Cetearyl Alcohol	1.00	Consistency agent
	Cetiol® SB 45	Butyrospermum Parkii Butter	1.00	Emollient
	Coconut Oil (Gustav Heess)	Cocos Nucifera (Coconut) Oil	1.00	Emollient
	Perfume	Parfum	0.60	Fragrance
B	Water, demin.	Aqua	40.40	–
	Rheocare® XGN	Xanthan Gum	0.50	Rheology modifier
C	Texapon® SFA	Disodium 2-sulfolaurate	35.00	Surfactant
	Dehyton® PK 45	Cocamidopropyl Betaine	5.00	Surfactant
D	Euxyl PE 9010 (Ashland)	Phenoxyethanol, Ethylhexylglycerin	1.00	Preservative

Shaving Cream HB-DE-21-131-7

Specifications

- pH value (23 °C) 7.0
- Viscosity (Brookfield; RVT; spindle TE, Helipath; 4 rpm; 23 °C) 162 000 mPas

Manufacturing Process

- Premix phase A and heat up to 85 °C.
- Heat up Phase B to 85 °C and add Rheocare XGN.
- Stir until a homogeneous gel is built.
- Add phase C to phase B at 85 °C one after another and stir until everything is dissolved.
- Add phase C+B to phase A.
- Cool down to RT and stir in continuous motion.
- At 40 °C homogenize with a suitable dispersion unit.
- Add phase D to phase A+B+C at 30 °C.

Perfume

- Düllberg: Fresh Atlantic Natura

Marketing Claims ^[1]

- Sulfate-free
- No synthetic polymers
- 96.9 % Naturalness ^[2] ISO 16128
- Suitable for vegan concepts

Characteristics

- Sliding & low foaming

Cooling After Shave Balm

SC-DE-21-167-18

This after shave balm provides a cool feeling after a hot shave. It leaves a refreshed, invigorated, and cared skin feeling.

Properties

- Splashed and refreshed experience
- Fast absorption
- No residues left
- Cared skin feel

Key Ingredients

Cetiol® Ultimate

Undecan & Tridecan

Natural based hydrocarbon as an alternative for silicones. Due to its volatility and fast spreadability it forms dry, smooth textures.

Cetiol® C5

Coco-Caprylate

A naturally derived sensorial alternative to Cyclomethicone.



Cooling After Shave Balm SC-DE-21-167-18

Phase	Ingredients	INCI	% by	Function
A	Water, demin.	Aqua	79.30	–
	Glycerin	Glycerin	3.00	Humectant
	Eumulgin® SG	Sodium Stearoyl Glutamate	0.20	Emulsifier (O/W)
	Disodium Phosphate	Disodium Phosphate	0.05	Auxiliary
	Calcium Chloride	Calcium Chloride	0.05	Complexing agent
B	Rheocare® XGN	Xanthan Gum	0.50	Rheology modifier
	Hydagen® 558 P	Algin	0.50	Rheology modifier
C	Lamesoft® Balance	Coco-Glucoside, Hydrogenated Castor Oil	3.00	Stabilizer
D	Cetiol® Ultimate	Undecane, Tridecane	4.00	Emollient
	Cetiol® C 5	Coco-Caprylate	3.00	Emollient
	Ethanol	Alcohol	5.00	Cooling agent
	L-Menthol Flakes FCC	Menthol	0.20	Cooling agent
	Perfume	Parfum	0.50	Fragrance
E	Sodium Benzoate	Sodium Benzoate	0.50	Preservative
	Covi-ox T 90 EU C (Azelis)	Tocopherol	0.20	Antioxidant
	Citric Acid (50 % solution)	Citric Acid	q.s.	pH Adjustment

Cooling After Shave Balm SC-DE-21-167-18

Specifications

- pH value (23 °C) 4.8
- Viscosity (Brookfield; RVT; spindle 5; 10 rpm; 23 °C) 9 600 mPas

Manufacturing Process

- Add ingredients of Phase A in order while stirring.
- Add Phase B into phase A and stir until homogeneous and viscous.
- Then add phase C and pre mixed ingredients of phase D and stir for performing the emulsion.
- Add phase E to the emulsion.
- Stir for 5 minutes and stop.
- pH about 4.8 for Sodium Benzoate.

Perfume

- Düllberg: Fresh Atlantic Natura

Marketing Claims ^[1]

- No synthetic polymers
- 99.8 % Naturalness ^[2] ISO 16128
- Suitable for vegan concepts

Nourishing Beard Oil

SC-DE-21-164-4

The nourishing beard oil shows excellent conditioning properties and moisturizing properties. It makes the hair softer and more manageable. A well-conditioned beard is easier to comb and style, and gives a better feeling.

Properties

- Nourishing for Hair and Skin
- Pleasant Feeling
- Not sticky

Key Ingredients

Cegesoft® PS 6

Vegetable Oil (PCPC), Olus Oil (EU)

Vegetable alternative to paraffin oil with low spreading characteristic for a rich and intensive skin feel.

Lipofructyl® Argan

Argania Spinosa Kernel Oil

Precious Argan Oil from sustainable sourcing with protective, nourishing and repairing properties.

Cetiol® OE

Dicaplyl Ether

High spreading, light emollient with low polarity and a very good chemical stability.



Nourishing Beard Oil SC-DE-21-164-4

Phase	Ingredients	INCI	% by	Function
A	Cegesoft® PS 6	Olus Oil [EU], Vegetable Oil [CTFA]	10.00	Emollient
	Eutanol® G	Octyldodecanol	30.00	Emollient
	Cetiol® C 5C	Coco-Caprylate/Caprata	20.00	Emollient
	Lipofructyl™ Argan LS 9779	Argania Spinosa Kernel Oil	5.00	Emollient
	Cetiol® OE	Dicaprylyl Ether	34.30	Emollient
	Covi-ox T 90 EU C (Azelis)	Tocopherol	0.20	Antioxidant
	Perfume	Parfum	0.50	Fragrance

Nourishing Beard Oil SC-DE-21-164-4

Specifications

- Viscosity (Brookfield; RVT; spindle 4, 10 rpm; 23 °C) < 100 mPas

Manufacturing Process

- Mix all ingredients until homogeneous.

Perfume

- Düllberg: Mild Men Natura

Marketing Claims ^[1]

- Formulated according to COSMOS Natural standard
- No additional water added
- No synthetic polymers
- 100 % Naturalness ^[2] ISO 16128
- Suitable for vegan concepts



Silver Shampoo Bar

HB-DE-21-224-2

A sulfate free, violet shampoo bar for daily use. The violet pigments neutralize unwanted warmth and brassiness so that your silver shade stays crisp and cool. It contains coconut oil for an enriched caring effect and Guar Hydroxypropyltrimonium Chloride for easy combing.

Properties

- Excellent cleansing and foaming performance
- Soft and stable foam
- Good flash foam performance

Key Ingredients

Texapon® SFA UP Powder

Disodium 2-Sulfolaurate

A natural, innovative, very mild anionic surfactant suitable for solid zero waste rinse-off products.

Dehyquart® Guar HP

Guar Hydroxypropyltrimonium Chloride

Guar flour based conditioning polymer for rinse-off applications like shampoos, hair treatments and body cleansing.

Cetiol® SB 45

Butyrospermum Parkii Butter

Special fraction of the Shea butter, characterized by a higher melting point (42 – 46 °C) and a high content of unsaponifiable matter (6 – 13 %).



Silver Shampoo Bar HB-DE-21-089-4

Phase	Ingredients	INCI	% by	Function
A	Texapon® SFA UP Powder	Disodium 2-sulfolaurate	40.50	Surfactant
	Dehyquart® Guar HP	Guar Hydroxypropyltrimonium Chloride	0.50	Conditioning agent
	Corn Starch (Agrana Staerke GmbH)	Zea Mays (Corn) Starch	48.00	Absorbent
	EXT D&C Violet No. 2	CI 60730	0.05	Colorant
	Timica® Extra Large Sparkle 110 S	Mica, Titanium Dioxide	0.25	Effect pigment
	Citric Acid monohydrat	Citric Acid	0.20	pH Adjustment
B	Cetiol® SB 45	Butyrospermum Parkii Butter	1.00	Emollient
	Coconut Oil (Gustav Heess)	Cocos Nucifera (Coconut) Oil	4.00	Emollient
	Lanette® O	Cetearyl Alcohol	5.00	Consistency agent
	Perfume	Parfum	0.50	Fragrance

Silver Shampoo Bar HB-DE-21-089-4

Specifications

- pH (10 %; 23 °C) 5.0
- Appearance Purple, solid bar

Manufacturing Process

- Premix phase A.
- Heat up phase B to 80 °C and add it dropwise to phase A while mixing.
- Put phase A+B into an extrusion unit:
First step must be done 4 times to prepare small “soap noodles”.
Then change the extrusion part into one which can prepare some straight tracks. This must be done 2 times. Cut the straight tracks at the end and press into the right soap form.

Perfume

- Düllberg: Rose & Softwood

Marketing Claims ^[1]

- Sulfate-free
- No synthetic polymers
- No additional water added
- 99.9 % Naturalness ^[2] ISO 16128
- Suitable for vegan concepts

Super Hydrating Daily Care

SC-DE-21-168-1

This super hydrating daily cream delivers a high load of nourishment to your skin.

Properties

- Easy to distribute
- Fast absorption
- Nourishing, caring, and smooth skin feeling

Key Ingredients

Dehymuls® PGPH

Polyglyceryl-2

Dipolyhydroxystearate

W/O-emulsifier for the preparation of all kind of W/O-emulsions

Lameform® TGI

Polyglyceryl-3 Diisostearate

Nonionic W/O co-emulsifier for creams and lotions

Cetiol® LC

Coco-Caprylate / -Caprate

Medium spreading emollient for a wide variety of cosmetic applications.



Super Hydrating Daily Care SC-DE-21-168-1

Phase	Ingredients	INCI	% by	Function
A	Dehymuls® PGPH	Polyglyceryl-2 Dipolyhydroxystearate	3.00	Emulsifier (W/O)
	Lameform® TGI	Polyglyceryl-3 Diisostearate	1.00	Emulsifier (W/O)
	Zinc Stearate	Zinc Stearate	1.00	Stabilizer
	Cacao Butter (Gustav Heess)	Theobroma Cacao (Cocoa) Seed Butter	3.00	Consistency agent
	Irwinol™ LS 9890	Octyldodecanol, Irvingia Gabonensis, Hydrogenated Coco-Glycerides	2.80	Active ingredient
	Beeswax 8108 (Kahlwax)	Beeswax	4.00	Consistency agent
	Cetiol® OE	Dicaprylyl Ether	3.00	Emollient
	Myritol® 331	Cocoglycerides	7.00	Emollient
	Cetiol® LC	Coco-Caprylate/Caprate	8.00	Emollient
B	Water, demin.	Aqua	59.50	–
	Glycerin	Glycerin	5.00	Humectant
	Magnesium Sulfate Heptahydrate	Magnesium Sulfate	1.00	Stabilizer
C	Geogard 221	Dehydroacetic Acid, Benzyl Alcohol	1.00	Preservative
	Carotin Oil (0.3 % solution) (Local Supplier)	Vegetable Oil, Beta-Carotene	0.10	Colorant
	Perfume	Parfum	0.60	Fragrance

Super Hydrating Daily Care SC-DE-21-168-1

Specifications

- Viscosity (Brookfield; RVT; spindle 5, 10 rpm; 23 °C) 12 400 mPas

Manufacturing Process

- Phase A: Prepare phase A and heat up to 80 °C.
- Phase B: Premix phase B, adjust pH to 5.5 and heat up to 80 °C.
- Add Phase B to Phase A at 80 °C while stirring slowly, be careful by adding the phase B (slow addition with small droplets).
- Cool down to RT after emulsification, homogenize with Ultra Turrax at 40 °C.
- Phase C: Add phase C to Phase A+B at RT.

Perfume

- Düllberg: Exotic Mango Natura

Marketing Claims ^[1]

- Formulated according to COSMOS Natural standard
- No synthetic polymers
- 100 % Naturalness ^[2] ISO 16128
- Suitable for vegan concepts

BTC Europe GmbH
Rheinpromenade 1
40789 Monheim am Rhein
Germany
Phone +49 2173 334 70
Fax +49 2173 334 72 11



For more information visit us:

www.personal-care.basf.com

www.carecreations.basf.com

[1] For the distributor of a cosmetic product it is mandatory to ensure its compliance with local legislation and competition law.

[2] Calculation of Naturalness: Aside of the %-Naturalness information for ingredients of the BASF portfolio the calculation assumes that all other ingredients are used with highest possible naturalness. Preservatives and perfumes are generally not taken into account in the calculation.

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