

## SMART SIMPLICITY

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Sasol's multifunctional  
products for your  
formulations



**sasol**



# About us

We at Sasol Chemicals innovate for a better world and deliver long-term value to our customers, communities and society.

Our broad portfolio of high-value products plays an integral role in the creation of numerous solutions that benefit the lives of millions of people.

Thousands of companies around the world leverage our technology, world-class facilities, expertise and collaborative approach to tackle their challenges.

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## Transforming beauty through innovation

In today's fast-paced world, consumers are looking for personal care products that are convenient and easy to use, helping them save time and simplify their busy lives.

Whether it's micellar water that cleanses, removes makeup and tones all at once, or versatile creams, the demand for multifunctional products drives beauty brands to innovate around simplicity and sustainability.

To meet these demands, Sasol Chemicals helps to enable formulations that deliver high-quality multifunctionality, combining several benefits into a single product.

### Within this collection of formulations you will find solutions for:

- Transforming textures, such as cream-to-powder foundations or balm-to-oil cleansers.
- New products with silicone replacements that offer exceptional performance.
- Gentle cleansing that protects the skin and minimizes irritation thanks to ultra-mild biosurfactants.
- Multi-use products that combine UV protection with moisturizers.

Read on to discover how Sasol Chemicals is helping formulators revolutionize personal care through innovative chemistry.





# Sasol's multifunctional products for your formulations

Product	INCI name	Benefits	Formulations
<b>CARINEX SL A</b>	Glycolipids	<ul style="list-style-type: none"> <li>• Acidic sophorolipid rich, ultra-mild, multifunctional biosurfactant</li> </ul>	<ul style="list-style-type: none"> <li>• Gentle cleansing balm ..... p. 8</li> <li>• Jelly ball cleanser ..... p. 13</li> <li>• AHA/PHA Peeling cleanser ..... p. 15</li> <li>• Baby wash foam ..... p. 16</li> <li>• Intimate cleansing foam ..... p. 17</li> <li>• Gentle micellar water ..... p. 18</li> <li>• Anti-blemish face mask ..... p. 19</li> <li>• Whole body deo stick ..... p. 21</li> </ul>
<b>CARINEX SL L</b>	Glycolipids	<ul style="list-style-type: none"> <li>• Lactonic sophorolipid rich, ultra-mild, multifunctional biosurfactant</li> </ul>	<ul style="list-style-type: none"> <li>• AHA/PHA Peeling cleanser ..... p. 15</li> <li>• Baby wash foam ..... p. 16</li> <li>• Anti-blemish face mask ..... p. 19</li> </ul>
<b>CERALUTION CPE</b>	Aqua (and) Caprylic/Capric Triglyceride (and) Cetareth-25 (and) Disodium Ethylene Dicocamide PEG-15 Disulfate (and) Acacia Senegal Gum (and) Xanthan Gum (and) Citric Acid (and) Benzyl Alcohol (and) Ethylhexylglycerin (and) Tocopherol	<ul style="list-style-type: none"> <li>• Self-emulsifying concentrate, cold processing possible</li> <li>• Tolerant to all oil polarities, electrolytes and surfactants</li> </ul>	<ul style="list-style-type: none"> <li>• Brightening serum ..... p. 24</li> </ul>
<b>CERALUTION H RSPO-MB</b>	Behenyl Alcohol (and) Glyceryl Stearate (and) Glyceryl Stearate Citrate (and) Disodium Ethylene Dicocamide PEG-15 Disulfate	<ul style="list-style-type: none"> <li>• Highly efficient</li> <li>• Elegant silky skin feel</li> <li>• Ensures high filter efficiency in sunscreens</li> <li>• Flexible for all oil polarities</li> <li>• High electrolyte tolerance</li> <li>• High pH tolerance 4 to 10</li> </ul>	<ul style="list-style-type: none"> <li>• Age-defying moisturizer with SPF 50 ..... p. 9</li> <li>• CC-cream with SPF 20 ..... p. 22</li> <li>• Multi-glow day cream SPF 10 ..... p. 23</li> <li>• Anti-aging night cream with retinol and ceramide ..... p. 25</li> </ul>
<b>COSMACOL EBL</b>	C12-15 Alkyl Benzoate	<ul style="list-style-type: none"> <li>• Excellent emollient with very light touch</li> <li>• Solvent for sunscreen filters</li> </ul>	<ul style="list-style-type: none"> <li>• Gentle cleansing balm ..... p. 8</li> <li>• Age-defying moisturizer with SPF 50 ..... p. 9</li> <li>• Moisturizing sun stick ..... p. 10</li> <li>• Cream-to-powder foundation ..... p. 12</li> <li>• Velvet shine liquid eyeshadow ..... p. 20</li> <li>• CC-cream with SPF 20 ..... p. 22</li> <li>• Hydrating lip gloss ..... p. 26</li> </ul>

Product	INCI name	Benefits	Formulations
<b>COSMACOL ECL</b>	Tri-C14-15 Alkyl Citrate	<ul style="list-style-type: none"> <li>• Emollient for greasy skin, mild keratolytic properties</li> <li>• Low melting point wax</li> <li>• Good viscosity regulator for creams and lotions</li> <li>• Spreading agent for pigments</li> </ul>	<ul style="list-style-type: none"> <li>• Age-defying moisturizer with SPF 50 ..... p. 9</li> <li>• Moisturizing sun stick ..... p. 10</li> <li>• CC-cream with SPF 20 ..... p. 22</li> <li>• Multi-glow day cream SPF 10 ..... p. 23</li> </ul>
<b>COSMACOL ELI</b>	C12-13 Alkyl Lactate	<ul style="list-style-type: none"> <li>• Moisturizing emollient, mild keratolytic properties</li> <li>• Body odour reducing agent</li> <li>• Pigment dispersing and wetting agent</li> </ul>	<ul style="list-style-type: none"> <li>• Gentle cleansing balm ..... p. 8</li> <li>• Revitalizing hand wash concentrate ..... p. 11</li> <li>• Baby wash foam ..... p. 16</li> <li>• Intimate cleansing foam ..... p. 17</li> <li>• Anti-blemish face mask ..... p. 19</li> <li>• Velvet shine liquid eyeshadow ..... p. 20</li> <li>• Whole body deo stick ..... p. 21</li> <li>• Hydrating lip gloss ..... p. 26</li> </ul>
<b>COSMACOL EMI</b>	Di-C12-13 Alkyl Malate	<ul style="list-style-type: none"> <li>• Outstanding skin feel</li> <li>• Moisturizing agent</li> <li>• Sebum regulator</li> </ul>	<ul style="list-style-type: none"> <li>• Age-defying moisturizer with SPF 50 ..... p. 9</li> <li>• Moisturizing sun stick ..... p. 10</li> <li>• AHA/PHA Peeling cleanser ..... p. 15</li> <li>• Intimate cleansing foam ..... p. 17</li> <li>• Anti-blemish face mask ..... p. 19</li> <li>• Velvet shine liquid eyeshadow ..... p. 20</li> <li>• CC-cream with SPF 20 ..... p. 22</li> <li>• Multi-glow day cream SPF 10 ..... p. 23</li> <li>• Anti-aging night cream with retinol and ceramide ..... p. 25</li> </ul>
<b>COSMACOL OE</b>	Dicaprylyl Ether	<ul style="list-style-type: none"> <li>• Very light and highly spreading emollient</li> <li>• Solvent for actives</li> <li>• Suitable for wide pH ranges</li> <li>• Reduces tackiness</li> </ul>	<ul style="list-style-type: none"> <li>• Gentle cleansing balm ..... p. 8</li> <li>• Luxurious hair oil ..... p. 14</li> <li>• Brightening serum ..... p. 24</li> </ul>

## HIGHLIGHT FORMULATION

No. 16858

## Gentle cleansing balm

Luxurious balm-to-oil transformation

This balm transforms into a silky oil upon contact, leaving your skin soft, moisturized, and free of greasy residue.

Formulated with TITANEL for the perfect balm consistency, it combines ISOFOL 20, a medium-spreading emollient, with light-spreading agents like COSMACOL OE, to provide a nice touch. Once applied, CARINEX SL A, an ultra-mild and microbiome-friendly biosurfactant, gently cleanses and COSMACOL ELI deeply moisturizes your skin. Experience a luxurious cleanse that leaves your skin feeling refreshed and nourished.

Phase	Trade name	Supplier*	INCI name	Weight [%]	Function
A	COSMACOL EBL	1	C12-15 Alkyl Benzoate	33.0	Emollient with light touch
	COSMACOL ELI	1	C12-13 Alkyl Lactate	20.0	Moisturizing emollient, mild keratolytic properties
	ISOFOL 20	1	Octyldodecanol	14.8	Medium spreading emollient, skin conditioning
	COSMACOL OE	1	Dicaprylyl Ether	10.0	Very light, good spreading emollient
	MARLOWET COE 329	1	PEG-7 Glyceryl Cocoate	10.0	Skin conditioning
B	TITANEL	1	Synthetic Wax	6.0	Consistency regulator
	Preservative			q.s.	Preservative
	Perfume		Parfum (EU) / Fragrance (US)	q.s.	Perfume
	CARINEX SL A	1	Glycolipids	5.0	Ultra-mild multifunctional biosurfactant

## Preparation:

1. Heat phase (A) to 70°C and homogenize
2. Add phase (B) at 40 °C and homogenize

## Storage stability in terms of appearance:

Stable at room temperature, 5°C and 40°C for at least 3 months

## Appearance:

Solid

## \*Supplier:

- 1 Sasol Chemicals

Achieve an innovative transforming texture



Formulate  
easily with  
UV filters

## HIGHLIGHT FORMULATION

No. 16645

# Age-defying moisturizer with SPF 50

Smooth sunscreen with pigments

Elevate your daily skin care routine with our SPF 50 day cream. This luxurious formula not only provides superior UV protection but also deeply hydrates and defends against premature aging.

Experience the silky texture of our advanced moisturizer, enriched with top-tier emollients like COSMACOL ECL and COSMACOL EMI, renowned for their hydrating and anti-wrinkle benefits. The high-performance emulsifier CERALUTION H RSPO-MB ensures the SPF system's stability, while COSMACOL EBL expertly dissolves and disperses UV filters.

Phase	Trade name	Supplier*	INCI name	Weight [%]	Function
A	Demin. water		Aqua (EU) / Water (US)	Add to 100	
	Glycerine	100	Glycerin	3.0	Humectant
	Keltrol CG-T	5	Xanthan Gum	0.3	Thickener
	Eusolex 232	9	Phenylbenzimidazole Sulfonic Acid	2.0	UVB-filter
B	CERALUTION H RSPO-MB	1	Behenyl Alcohol (and) Glyceryl Stearate (and) Glyceryl Stearate Citrate (and) Disodium Ethylene Dicapamate PEG-15 Disulfate	3.5	High-performance emulsifier, reduces crow feet wrinkles, moisturizer
	NAFOL 1618 H RSPO-MB	1	Cetearyl Alcohol	1.0	Co-emulsifier, consistency regulator
	COSMACOL EMI	1	Di-C12-13 Alkyl Malate	2.0	Wrinkle reduction, moisturizing emollient
	COSMACOL ECL	1	Tri-C14-15 Alkyl Citrate	1.0	Mild keratolytic, skin smoothing emollient
	Imwitor 600	96	Polyglyceryl-3 Polyricinoleate	0.5	W/O emulsifier
	Uvinul T 150	16	Ethylhexyl Triazone	2.0	UVB-filter
	Tinosorb S	16	Bis-Ethylhexyloxyphenol Methoxyphenyl Triazine	10.0	UVA/UVB-filter
	Lexfilm Sun Natural MB	83	Capryloyl Glycerin/Sebacic Acid Copolymer	1.0	Film forming
	Tocopherol Acetate	90	Tocopherol Acetate	0.5	Active care agent
	COSMACOL EBL	1	C12-15 Alkyl Benzoate	8.0	Solubilizer for UV-filter
B1	Z-Cote	16	Zinc Oxide	5.0	UVA/UVB-filter
C	Demin. water		Aqua (EU) / Water (US)	10.0	
	Demin. water with 4% Avicel PC 611	62	Microcrystalline Cellulose (and) Cellulose Gum	5.0	Viscosity controlling
D	Preservative			q.s.	
	Tocopherol	90	Tocopherol	0.2	Antioxidant
	Panthenol (w = 0.75)		Panthenol	1.3	Active care agent
	Perfume		Parfum (EU) / Fragrance (US)	q.s.	Perfume

### Preparation:

- Heat phase (A) and (B) separately to 70°C
- Homogenize phase (B1)
- Add phase (B1) to (B) and homogenize
- Add phase (B/B1) to (A) and homogenize
- Cool to 35°C and add phase (C) and (D) and homogenize

**Viscosity (Haake, RheoStress 1, 1 s<sup>-1</sup>):**  
~ 18.000 mPas, 25°C

**Storage stability in terms of appearance:**  
Stable at room temperature, 40°C and 50°C for at least 3 months

**Information:**  
SPF (ISO 24444): 53.7 UVA-PF (ISO 24443): 17.5  
Star rating: \*\*\*  
UVA-PF/SPF [>0.33]: 0.56  
Critical wavelength: 371 nm

### \*Supplier:

- Sasol Chemicals
- Tate & Lyle (Rahn)
- Merck
- BASF
- FMC Corporation
- INOXEL
- Thermo Fisher Scientific
- IOI Oleo
- VWR International



Use SPF,  
achieve an  
excellent  
consistency

## HIGHLIGHT FORMULATION

No. 16814

# Moisturizing sun stick

On-the-go high protection with  
skin-enhancing emollients

The moisturizing sun stick is the perfect companion for on-the-go use and outdoor activities. With a high SPF 50 and water-resistant formula, it ensures robust protection against UV rays. This formulation includes COSMACOL EMI, EBL, ECL, and ISO FOL 24, which not only solve UV-filter challenges but also offer additional skin benefits: skin smoothing, moisturizing effect and skin conditioning for a healthy and radiant look. The secret of the great consistency? Sasol's synthetic wax TITANEL.

Phase	Trade Name	Supplier*	INCI name	Weight [%]	Function
A	COSMACOL EBL	1	C12-15 Alkyl Benzoate	31.2	Solubilizer for UV-filter
	ISO FOL 20	1	Octyldodecanol	5.0	Medium spreading emollient
	TITANEL	1	Synthetic Wax	6.5	Consistency regulator
	Shea butter	32	Butyrospermum Parkii Butter	7.5	Skin conditioning
	Coconut oil	32	Cocos Nucifera (Coconut) Oil	5.0	Skin conditioning
	Uvinul A Plus	16	Diethylamino Hydroxybenzoyl Hexyl Benzoate	10.0	UVA-filter
	Uvinul T 150	16	Ethylhexyl Triazone	3.5	UVB-filter
B	Tinosorb S	16	Bis-Ethylhexyloxyphenol Methoxyphenyl Triazine	10.0	UVA/UVB-filter
	COSMACOL EMI	1	DI-C12-13 Alkyl Malate	5.0	Wrinkle reduction, moisturizing emollient
	COSMACOL ECL	1	Tri-C14-15 Alkyl Citrate	10.0	Mild keratolytic, skin smoothing emollient
	ISO FOL 24	1	Decyltetradecanol	5.0	Emollient
	Lexfilm Sun Natural MB	83	Capryloyl Glycerin/Sebacic Acid Copolymer	1.0	Film foamer
C	Phytospingosine	3	Phytospingosine	0.1	
	Perfume		Parfum (EU) / Fragrance (US)	q.s.	Perfume
	Tocopherol		Tocopherol	0.1	Antioxidant

### Preparation:

1. Heat phase (A) to 70°C
2. Add phase (B) to (A) and homogenize
3. Add phase (C) to (A/B) and homogenize
4. Cool down to room temperature under stirring

### Storage stability in terms of appearance:

Stable at room temperature, 40°C and 50°C for at least 3 months

**Appearance:**  
Solid

### Information:

SPF (ISO 24444): 52  
Star rating: \*\*\*\*  
UVA-PF/SPF [ $>0.33$ ]: 0.67  
Critical wavelength: 373 nm

### \*Supplier:

- 1 Sasol Chemicals
- 3 Evonik Industries
- 16 BASF
- 32 Gustav Heess
- 83 INOLEX

## HIGHLIGHT FORMULATION

No. 16099

# Revitalizing hand wash concentrate

Water-free, compact and easy to carry formulation

Perfect as a refill to reduce plastic waste, this hand wash concentrate is designed to keep your hands clean and protected. Infused with COSMACOL ELI and LIPOXOL 400 MED, this concentrate provides essential hydration, leaving your hands soft and smooth.

Powered by MARLINAT 242/90 MC RSPO-MB and MARLOSOL PK 9040, the concentrate delivers rich, luxurious foam that ensures a thorough and satisfying cleanse. Experience the perfect blend of effective cleansing, moisturizing care, and sustainability!



Sustainability trend: effective cleansing in smaller package

Phase	Trade Name	Supplier*	INCI name	Weight [%]	Function
A	MARLINAT 242/90 MC RSPO-MB	1	MIPA Laureth Sulfate (and) Propylene Glycol	55.0	Base surfactant, high foaming power
	MARLOSOL PK 9040	1	Laureth-4	10.0	Nonionic surfactant, emulsifier
	COSMACOL ELI	1	C12-13 Alkyl Lactate	8.0	Moisturizing emollient
	LIPOXOL 400 MED	1	PEG-8	9.0	Moisturizing emollient
	Tego Betain F 50	3	Cocamidopropyl Betaine	5.0	Co-surfactant
	Plantacare 1200 UP	16	Lauryl Glucoside	2.0	Co-surfactant
	Glycerine		Glycerin	7.0	Humeactant
	Perfume		Parfum (EU) / Fragrance (US)	1.0	Perfume
	Antil 127	3	PEG-120 Methyl Glucose Dioleate	3.0	Thickening agent

Viscosity (Haake, RS1, 10s<sup>-1</sup>): ~ 520 mPas, 20°C

Phase	Trade Name	INCI name	Weight [%]
A	Concentrate		20.0
	Demin. water	Aqua (EU) / Water (US)	Add to 100

Viscosity (Haake, RS1, 10s<sup>-1</sup>): ~ 2.200 mPas, 20°C

## Preparation:

1. Homogenize the components in the above given order while stirring continuously.

## Storage stability in terms of appearance:

Stable at room temperature, 5°C and 40°C for at least 3 months

## Appearance:

Liquid, transparent

## \*Supplier:

- 1 Sasol Chemicals
- 3 Evonik Industries
- 16 BASF

## HIGHLIGHT FORMULATION

No. 16944

## Cream-to-powder foundation

Silicone-free soft touch formulation  
for a smooth effect

Try this innovative blend tailored for cream-to-powder foundations, delivering a luxurious silicone-free formula.

This formulation offers a smooth, velvety finish that glides effortlessly onto the skin, for easy application and a flawless look, without imperfections. COSMACOL EBL helps with the pigment wetting and ISOFOL 20 and PARAFOL 12 RSPO-MB ensure great distribution on the skin.

Phase	Trade Name	Supplier*	INCI name	Weight [%]	Function
A	COSMACOL EBL	1	C12-15 Alkyl Benzoate	Add to 100	Pigment wetting agent
	Thixcin R PC	104	Trihydroxystearin	6.0	Viscosity controlling
	Soft Tex White C47-7756	58	CI 77891	6.0	Colour agent
	Soft Tex Black C33-5000	58	CI 77499	0.1	Colour agent
	Soft Tex Yellow C33-1700	58	CI 77492	1.2	Colour agent
	Soft Tex Red C33-2199	58	CI 77491	0.2	Colour agent
B	Soft Tex Brown C33-7715	58	CI 77491, CI 77492, CI 77499	0.3	Colour agent
	ISOFOL 20	1	Octyldodecanol	2.5	Medium spreading emollient, skin conditioning
	COSMACOL EBL	1	C12-15 Alkyl Benzoate	5.7	Pigment wetting agent
	PARAFOL 12 RSPO-MB	1	Dodecane	5.0	Fast spreading emollient, cyclomethicone replacement
	Argan oil	32	Argania Spinosa Kernel Oil	2.5	Skin conditioning
	Bentone Gel LC V	104	C9-12 Alkane (and) Dis-teardimonium Hectorite (and) Triethyl Citrate	10.0	Viscosity controlling
	Tocopheryl acetate	90	Tocopheryl Acetate	q.s.	Antioxidant
	Preservative			q.s.	Preservative
	Agenaflo 9050 Corn Starch modified	91	Corn Starch Modified	25.0	Absorbent, viscosity controlling

## Preparation:

1. Mix phase (A) under stirring at ca. 60°C for 10 minutes
2. Melt phase (B) under stirring at 40°C
3. Add phase (B) to (A) under stirring
4. Add phase (C) to (AB) under stirring

## Storage stability in terms of appearance:

Stable at room temperature, 5°C and 40°C for at least 3 months

## Appearance:

Semi-solid, skin colour

## \*Supplier:

- 1 Sasol Chemicals  
32 Gustav Heess  
58 Nordmann, Rassmann  
90 Thermo Fisher Scientific  
91 Agrana  
104 Elementis

Silicone-free  
formula.  
Discover our  
PARAFOL range



Sulfate-free  
formula.  
CARINEX SL  
protects the  
skin barrier

## HIGHLIGHT FORMULATION

No. 16965

# Jelly ball cleanser

New texture for a gentle and sulfate-free  
cleansing routine

Experience a bouncy, jelly-like texture for a gentle and sulfate-free  
cleansing routine. The microbiome-friendly and mild multifunctional  
biosurfactant CARINEX SL A will help to formulate a foamy but delicate  
cleansing ball.

Phase	Trade name	Supplier*	INCI name	Weight [%]	Function
A	Demin. water		Aqua (EU) / Water (US)	Add to 100	
	CARINEX SL A	1	Glycolipids	5.0	Ultra-mild, multifunctional biosurfactant
	Plantacare 2000	16	Decyl Glucoside	10.0	Surfactant
	Tego Betain F50	3	Cocamidopropyl Betaine	5.0	Surfactant
	Perfume		Parfum (EU) / Fragrance (US)	q.s.	Perfume
B	Propylene Glycol		Propylene Glycol	5.0	
	Glycerine		Glycerin	40.0	Humeactant
	Preservative			q.s.	Preservative
	Siligel	8	Xanthan Gum (and) Lecithin (and) Sclerotium Gum (and) Pullulan	1.0	Thickening agent
	Genuvisco Carrageenan CG-131	5	Carrageenan	2.0	Thickening agent

### Preparation:

1. Homogenize phase (A) and (B) separately
2. Add phase (A) to (B) and homogenize
3. Adjust the pH-value to pH 5.5–6
4. Heat the Formulation for a short time up to 50°C–60°C

### Storage stability in

**terms of appearance:**  
Stable at room temperature, 5°C  
and 40°C for at least 3 months

**Appearance:**  
Slippery to solid, transparent

### \*Supplier:

- 1 Sasol Chemicals
- 3 Evonik Industries
- 5 Tate & Lyle (Rahn)
- 8 Clariant
- 16 BASF



Fast spreading  
oils for quickly  
absorbed,  
non-greasy  
formulations

## HIGHLIGHT FORMULATION

No. 16733

# Luxurious hair oil

Hair oil for nourished hair

This hair oil is formulated with cutting-edge ingredients to deliver exceptional results. Thanks to fast-spreading emollients PARAFOL 12 RSPO-MB and COSMACOL OE, the formulation is quickly absorbed and non-greasy. ISO FOL 20 as a medium-spreading emollient makes the formulation more manageable and leaves hair soft, supple and easy to style.

This leave-in hair oil can be applied to damp or dry hair as a primer or finisher for added shine and smoothness.

Phase	Trade name	Supplier *	INCI name	Weight [%]	Function
A	ISO FOL 20	1	Octyldodecanol	24.0	Medium spreading emollient
	PARAFOL 12 RSPO-MB	1	Dodecane	30.0	Fast spreading emollient, replacement for cyclomethicone
	COSMACOL OE	1	Dicaprylyl Ether	40.0	Very light, good spreading emollient
	Argan oil	32	Argania Spinosa, Kernel Oil	5.0	Skin conditioning
	Perfume		Parfum (EU) / Fragrance (US)	1.0	Perfume

### Preparation:

1. Dissolve phase (A) under stirring at RT

### Storage stability in terms of appearance:

Stable at room temperature, 5°C and 40°C for at least 3 months

### Appearance:

Liquid, transparent

### \*Supplier:

- 1 Sasol Chemicals
- 32 Gustav Heess



No. 16731

## AHA/PHA Peeling cleanser

A mild peeling cleanser – keeps your microbiome in balance

The AHA/PHA formulation ensures thorough cleansing while promoting optimal skin renewal, making it suitable for all skin types, including sensitive skin. The choice of ultra-mild biosurfactants, CARINEX SL A and SL L, helps to protect the skin barrier function and its microbiome. By avoiding mechanical particles, the risk of skin irritation will be minimized, ensuring a gentle yet effective exfoliation process.



Sulfate-free,  
gentle with skin  
barrier and its  
microbiome

Phase	Trade Name	Supplier*	INCI name	Weight [%]	Function
A	Demin. water		Aqua (EU) / Water (US)	Add to 100	
	Keltrol CG T	5	Xanthan Gum	0.5	Viscosity controlling
	Sodium Lactate (50%)	5	Sodium Lactate	1.0	Keratolytic
	Butylene Glycol	100	Butylene Glycol	2.0	Humectant
	Glycerine	100	Glycerin	2.0	Humectant
B	Genuvisco CG-131	5	Carrageenan	1.0	Viscosity controlling
	<b>CARINEX SL A</b>	<b>1</b>	<b>Glycolipids</b>	<b>2.5</b>	<b>Ultra-mild, multifunctional biosurfactant</b>
	<b>CARINEX SL L</b>	<b>1</b>	<b>Glycolipids</b>	<b>2.5</b>	<b>Ultra-mild, multifunctional biosurfactant</b>
	Tego Betain F50	3	Cocamidopropyl Betaine	5.0	Surfactant – cleansing
	Plantacare 2000	16	Decyl Glycoside	5.0	Surfactant – cleansing
	Gluconolactone	9	Gluconolactone	1.0	Skin conditioning
	Maltobionic Acid	103	Maltobionic Acid	1.0	Buffering
	Panthenol (w = 0.75)	90	Panthenol	2.0	Skin conditioning
	Lactic Acid	90	Lactic Acid	0.8	Humectant
	Aloe Vera Powder 200:1	36	Aloe Barbadensis Leaf Juice Powder	0.1	Skin protecting
	Hydrolite 5	93	Pentylene Glycol	4.0	Skin conditioning
	Inulin	90	Inulin	0.1	Skin conditioning
	Perfume	27	Parfum (EU) / Fragrance (US)	q.s.	Perfume
	Demin. water		Aqua (EU) / Water (US)	20.0	
	Preservative	84		q.s.	Preservative

### Preparation:

1. Homogenize phase (A) and (B) separately
2. Add phase (B) to (A) and homogenize
3. Adjust the pH-value to pH 4–4.5

### Storage stability in terms of appearance:

Stable at room temperature, 5°C and 40°C for at least 3 months

### Appearance:

Liquid, transparent

### \*Supplier:

- 1 Sasol Chemicals
- 3 Evonik Industries
- 5 Tate & Lyle (Rahn)
- 9 Merck
- 16 BASF
- 27 Givaudan
- 36 Spectrum Chemical Manufacturing Corporation
- 84 Ashland
- 90 Thermo Fisher Scientific
- 93 Symrise
- 100 VWR International
- 103 DKSH

No. 16786

## Baby wash foam

Gentle care for your baby's delicate skin

Give your baby's sensitive skin the best care with our baby wash foam. It's specially formulated to clean and nurture without causing irritation or dryness. Ultra-mild surfactants like CARINEX SL A and SL L maintain the skin's natural balance, while COSMACOL ELI reduces water loss and protects the skin barrier. Enjoy gentle, effective cleansing with fun bubbles and foam, keeping your baby's skin soft and healthy.

Phase	Trade Name	Supplier*	INCI name	Weight [%]	Function
A	Demin. water		Aqua (EU) / Water (US)	Add 100	
	Tegobetain F 50	3	Cocamidopropyl Betaine	5.0	Surfactant – cleansing
	CARINEX SL A	1	Glycolipids	2.5	Ultra-mild, multifunctional biosurfactant
	CARINEX SL L	1	Glycolipids	2.5	Ultra-mild, multifunctional biosurfactant
	COSMACOL ELI	1	C12-13 Alkyl Lactate	0.1	Good spreading emollient, moisturizing agent
	Amisoft LS-11	98	Sodium Lauroyl Glutamate	0.5	Mild anionic surfactant
	Allantoin		Allantoin	0.1	Active care agent
	Bisabolol		Bisabolol	0.1	Active care agent
	Tocopherol		Tocopherol	0.1	Antioxidant
	Panthenol (w = 0.75)		Panthenol	1.0	Active care agent
	Glycerine		Glycerin	3.0	Moisturizing agent
	Symdiol 68	93	1,2-Hexanediol (and) Caprylyl Glycol	q.s.	Preservative
	Symsave H	93	Hydroxyacetophenone	q.s.	Preservative
	Perfume		Parfum (EU) / Fragrance (US)	q.s.	Perfume

### Preparation:

1. Homogenize the components in the above given order while stirring continuously
2. Adjust the pH-value to pH 5.5–6.0

### Storage stability in terms of appearance:

Stable at room temperature, 5°C and 40°C for at least 3 months

### Appearance:

Liquid, transparent


### Foam quality:

Fine and dense

### \*Supplier:

- 1 Sasol Chemicals
- 3 Evonik Industries
- 93 Symrise
- 98 Ajinomoto (Rahn)

Protect the sensitive skin with biosurfactants



Sulfate-free  
formula to  
prevent dryness

No. 16857

## Intimate cleansing foam

Sulfate-free daily care for sensitive skin

Experience gentle care with our sulfate-free intimate cleansing foam, specially formulated to prevent skin irritation and dryness. We use mild surfactant CARINEX SL A to ensure a soothing cleanse, while COSMACOL EMI works to reduce transepidermal water loss and protect the skin barrier.

Enjoy a refreshing and protective wash that keeps your intimate areas feeling soft, hydrated, and balanced.

Phase	Trade Name	Supplier*	INCI name	Weight [%]	Function
A	CARINEX SL A	1	Glycolipids	5.0	Ultra-mild, multifunctional biosurfactant
	COSMACOL EMI	1	Di-C12-13 Alkyl Malate	0.1	Wrinkle reduction, moisturizing emollient
	Tego Betain F50	3	Cocamidopropyl Betaine	4.0	Surfactant – cleansing
	Pureact WS conc.	92	Sodium Methyl Cocoyl Taurate	8.0	Surfactant – cleansing
	Jojoba oil	32	Simmondsia Chinensis (Jojoba) Seed Oil	0.1	Skin conditioning
B	Demin. water		Aqua (EU) / Water (US)	20.0	
	Allantoin		Allantoin	0.1	Active care agent
	Tocopherol		Tocopherol	1.0	Antioxidant
	Panthenol (w = 0.75)		Panthenol	1.0	Active care agent
	Carephos N	94	Sodium Polyphosphate	0.2	Chelating
C	Demin. water		Aqua (EU) / Water (US)	Add to 100	
	Hydrolite 5	93	Pentylene Glycol	5.0	Humectant
	Lactic Acid		Lactic acid	q.s.	pH-adjuster

### Preparation:

1. Homogenize phase (A)
2. Add phase (B) to (A) and homogenize
3. Adjust the pH-value to pH 4.00–4.50
4. Add phase (C) to (AB) and homogenize

### Storage stability in terms of appearance:

Stable at room temperature, 5°C and 40°C for at least 3 months

### Appearance:


Liquid, transparent

### Foam quality:

Fine and dense

### \*Supplier:

- 1 Sasol Chemicals
- 3 Evonik Industries
- 32 Gustav Heess
- 92 Innospec Performance Chemicals
- 93 Symrise
- 94 BK Giulini



Multifunctional  
solution for  
skin care

No. 16787

## Gentle micellar water

All-in-1: make-up remover, cleanser and toner

Don't call it a make-up remover: micellar water can turn into a multifunctional ally for healthier skin. In this all-in-one formulation, the mild biosurfactant CARINEX SL ensures your skin is cleansed without irritation, providing a soothing experience, while COSMACOL EMI adds a boost of hydration, leaving your skin feeling soft and refreshed. Simplify your routine without compromising on care!

Phase	Trade Name	Supplier*	INCI name	Weight [%]	Function
A	CARINEX SL A	1	Glycolipids	3.0	Ultra-mild biosurfactant
	CARINEX SL L	1	Glycolipids	2.4	Ultra-mild biosurfactant
	COSMACOL EMI	1	Di-C12-13 Alkyl Malate	0.1	Moisturizing emollient, wrinkle reduction
	D-Panthenol (w = 0.75)	4	Panthenol	0.5	Active care agent
	Glycerine		Glycerin	3.0	Moisturizing agent
	Carephos N	94	Sodium Polyphosphate	0.1	Chelating and dispersing agent
	Nicotinamide		Niacinamide	0.1	Active care agent
	Tocopherol	4	Tocopherol	0.1	Antioxidant
	Aloe Vera Powder 200:1		Aloe Barbadensis Leaf Juice Powder	0.1	Skin protecting
	Perfume	27	Parfum (EU) / Fragrance (US)	q.s.	Perfume
	Preservative			q.s.	Preservative
	Demin. water		Aqua (EU) / Water (US)	Add to 100	

### Preparation:

- Homogenize the components in the above given order while stirring continuously

### Storage stability in terms of appearance:

Stable at room temperature, 5°C and 40°C for at least 3 months

### Appearance:

Liquid, transparent

### \*Supplier:

- 1 Sasol Chemicals
- 4 Alfa Aesar
- 27 Givaudan
- 94 BK Giulini

No. 16886

## Anti-blemish face mask

### Balanced and hydrated complexion

Our advanced face mask promotes healthier, more balanced skin. Infused with moisturizing and anti-aging emollients like COSMACOL EMI and ELI, and biosurfactants CARINEX SL A and SL L, it reduces blackheads and skin lesions, leaving your skin clear and smooth. Our biosurfactant CARINEX SL protects the skin barrier, while silicone-replacement PARAFOL 12 RSPO-MB acts as a fast-spreading emollient, delivering quick and effective results.

Experience the perfect blend of science and care with our anti-blemish face mask and reveal your skin's natural radiance.



**Blemished skin?  
CARINEX SL and  
COSMACOL range  
for a better skin**

Phase	Trade Name	Supplier*	INCI name	Weight [%]	Function
A	Demin. water		Aqua (EU) / Water (US)	Add to 100	
	Keltrol CG T	5	Xanthan Gum	0.3	Viscosity controlling
	Carephos N	94	Sodium Polyphosphate	0.2	Chelating
	Pentylene glycol		Pentylene Glycol	4.0	Humectant
	Butylene Glycol		Butylene Glycol	4.0	Humectant
	Glycerine		Glycerin	3.0	Moisturizing agent
	Hya-Act XS	64	Hydrolyzed Hyaluronic Acid	0.01	Humectant
	Hya-ACT S	64	Sodium Hyaluronate	0.01	Humectant
	Hya-ACT M	64	Sodium Hyaluronate	0.1	Humectant
B	CARINEX SL A	1	Glycolipids	4.5	Ultra-mild multifunctional biosurfactant, solubilizer
	CARINEX SL L	1	Glycolipids	1.0	Ultra-mild multifunctional biosurfactant, solubilizer
	COSMACOL EMI	1	Di-C12-13 Alkyl Malate	0.1	Wrinkle reduction, moisturizing agent
	COSMACOL ELI	1	C12-13 Alkyl Lactate	0.1	Moisturizing agent, mild keratolytic properties
	PARAFOL 12 RSPO-MB	1	Dodecane	0.1	Fast spreading emollient, replacement for cyclomethicone
	PuraBeet Betaine Anhydrous	91	Betaine	2.0	Active
C	Aloe Vera Powder 200:1		Aloe Barbadensis Leaf Juice Powder	0.1	Skin protecting
	Perfume		Parfum (EU) / Fragrance (US)	q.s.	Perfume
	Preservative			q.s.	Preservative

#### Preparation:

1. Homogenize phase (A)
2. Add phase (B) to (A) and homogenize
3. Add phase (C) to (AB) and homogenize
4. Adjust the pH-value to ~ pH 6

#### Storage stability in terms of appearance:

Stable at room temperature, 5°C and 40°C for at least 3 months

#### Appearance:

Liquid, transparent

#### \*Supplier:

- 1 Sasol Chemicals
- 5 Tate & Lyle (Rahn)
- 64 DSM
- 91 Agrana
- 94 BK Giulini



No. 16940

## Velvet shine liquid eyeshadow

Lightweight, easy application, all-day comfort

This liquid eyeshadow is crafted to deliver vibrant colour with a stunning metallic finish, thanks to the finest pearl particles. The formulation features ISOFOL 20, COSMACOL EBL, ELI, and EMI, which excel as pigment wetting agents, ensuring smooth and even application. COSMACOL ELI and EMI also provide additional moisturizing benefits, keeping the delicate eye area hydrated. The comfortable, light texture dries quickly, offering a seamless application experience. Ready to shine?

Phase	Trade Name	Supplier*	INCI name	Weight [%]	Function
A	ISOFOL 20	1	Octyldodecanol	21.5	Medium spreading emollient
	COSMACOL EBL	1	C12-15 Alkyl Benzoate	20.0	Pigment wetting agent
	Thixcin R PC	104	Trihydroxystearin	6.0	Viscosity controlling
	SunShine Glitter Star Blue C83-3405	58	Synthetic Fluorophlogopite (and) Titanium Dioxide	5.0	Colour agent
B	ISOFOL 20	1	Octyldodecanol	10.0	Medium spreading emollient
	COSMACOL ELI	1	C12-13 Alkyl Lactate	2.5	Pigment wetting agent, moisturizing emollient
	COSMACOL EMI	1	Di-C12-13 Alkyl Malate	5.00	Medium spreading emollient, moisturizing agent
	Bentone Gel LC V	104	C9-12 Alkane (and) Distearidimonium Hectorite (and) Triethyl Citrate	12.5	Viscosity controlling
C	Tocopherol	4	Tocopherol	0.5	Antioxidant
	Agenaflo 9050 Corn Starch modified	91	Corn Starch Modified	17.0	Reduces tackiness and greasiness

### Preparation:

1. Mix phase (A) under stirring at ca. 60°C for 10 minutes
2. Melt phase (B) under stirring at 40°C
3. Add phase (B) to (A) under stirring
4. Add phase (C) to (AB) under stirring

### Storage stability in terms of appearance:

Stable at room temperature, 5°C and 40°C for at least 3 months

### Appearance:


Semi-solid, blue

### \*Supplier:

- 1 Sasol Chemicals
- 4 Alfa Aesar
- 58 Nordmann, Rassmann
- 91 Agrana
- 104 Elementis

Pigment wetting agents for even application





Easy  
solubilization  
of perfumes

No. 16925

## Whole body deo stick

### 2-in-1 odour and chafe protection

Discover ultimate comfort with this innovative deodorant that goes beyond just controlling body odour. This long-lasting formula also serves as an anti-chafe stick, effectively preventing skin chafing and reducing friction from bras or any other clothing.

While ISOCARB 12 provides odour control, COSMACOL ELI offers deep moisturizing benefits and PARAFOL 14 RSPO-MB and ISOFOL 24 enhance skin conditioning. The biosurfactant CARINEX SL A acts as a solubilizer for perfume, ensuring a pleasant scent.

Phase	Trade name	Supplier*	INCI name	Weight [%]	Function
A	ISOCARB 12	1	Butyloctanoic Acid	2.0	Medium spreading, pleasant and non-sticky emollient, biomimetic performance booster
	NACOL 22-98	1	Behenyl Alcohol	20.5	Viscosity controlling
	COSMACOL ELI	1	C12-13 Alkyl Lactate	2.0	Moisturizing emollient
	PARAFOL 14 RSPO-MB	1	Tetradecane	10.0	Good spreading emollient, replacement for Isohexadecane
	ISOFOL 24	1	Decyltetradecanol	17.8	Emollient
	Shea butter	32	Butyrospermum Parkii (Shea) Butter	25.0	Skin conditioning
	Sensidin DO	84	Propylene Glycol (and) Ethylhexylglycerin (and) Octenidine HCl	0.5	Antimicrobial
	Carnauba wax	32	Copernicia Cerifera Carnauba) Wax	15.0	Skin conditioning
	Allantoin		Allantoin	0.1	Active care agent
B	CARINEX SL A	1	Glycolipids	3.0	Ultra-mild, biosurfactant, skin conditioning, miscellaneous
	Perfume		Parfum (EU) / Fragrance (US)	2.0	Perfume
	Tocopherol acetate	4	Tocopherol Acetate	1.0	Antioxidant
	Bisabolol	4	Bisabolol	0.1	Active care agent
	Panthenol (w = 0.75)	4	Panthenol	1.0	Active care agent

#### Preparation:

1. Heat phase A to 70°C – 80 °C under stirring
2. Homogenize phase (A)
3. Cool down to 40°C and add phase B under stirring

#### Storage stability in terms of appearance:

Stable at room temperature, 5°C and 40°C for at least 3 months

#### Appearance:

Light yellowish, solid

#### \*Supplier:

- 1 Sasol Chemicals
- 4 Alfa Aesar
- 32 Gustav Heess
- 84 Ashland



Discover  
the superior  
dispersing ability  
of our  
emollients

No. 16869

## CC-cream with SPF 20

Hydrate, protect, and perfect your skin

Achieve a radiant, even complexion with a CC cream, enriched with UV filters and nourishing properties. The key to a successful pigmented cream lies in the dispersing ability of its emollients: COSMACOL EBL, ECL, and EMI, not only dissolve UV filters but also excel in pigment wetting, ensuring vibrant, even colour. NAFOL 1618 and CERALUTION H RSPO-MB create a creamy texture that glides smoothly onto your skin.

Phase	Trade name	Supplier*	INCI name	Weight [%]	Function
A	Demin. water		Aqua (EU) / Water (US)	Add to 100	
	Glycerine		Glycerin	3.0	Humeactant
	Keltrol CG T	5	Xanthan Gum	0.5	Thickener
	Eusolex 232	9	Phenylbenzimidazole Sulfonic Acid	3.0	UVB-filter
B	CERALUTION H RSPO-MB	1	Behenyl Alcohol (and) Glyceryl Stearate (and) Glyceryl Stearate Citrate (and) Disodium Ethylene Dicapamate PEG-15 Disulfate	3.5	High-performance emulsifier, reduces crow feet wrinkles, moisturizer
	NAFOL 1618 H RSPO-MB	1	Cetearyl Alcohol	1.5	Co-emulsifier, consistency regulator
	PARAFOL 12 RSPO-MB	1	Dodecane	2.0	Fast spreading emollient, replacement for cyclomethicone
	COSMACOL ECL	1	Tri-C14-15 Alkyl Citrate	2.0	Mild keratolytic, skin smoothing emollient
	Cocoa butter	32	Theobroma Cacao Seed Butter	0.5	Skin conditioning
	Uvinul A Plus	16	Diethylamino Hydroxybenzoyl Hexyl Benzoate	2.5	UVA-filter
	Tinosorb S	16	Bis-Ethylhexyloxyphenol Methoxyphenyl Triazine	3.0	UVA/UVB-filter
B1	COSMACOL EBL	1	C12-15 Alkyl Benzoate	5.0	Solubilizer for UV-filter
	COSMACOL EMI	1	Di-C12-13 Alkyl Malate	3.0	Wrinkle reduction, moisturizing emollient
	Soft tex white	58	CI 77891	6.0	Colour agent
	Soft tex black	58	CI 77499	0.1	Colour agent
	Soft tex yellow	58	CI 77492	1.25	Colour agent
	Soft tex red	58	CI 77491	0.2	Colour agent
C	Soft tex brown	58	CI 77491, CI 77492, CI 77499	0.3	Colour agent
	Demin. water		Aqua (EU) / Water (US)	10.0	
	Panthenol (w = 0.75)		Panthenol	1.5	Active care agent
D	Preservative			q.s.	
	Perfume		Parfum (EU) / Fragrance (US)	q.s.	Perfume

### Preparation:

- Heat phase (A) and (B) separately to 70°C
- Homogenize phase (B1)
- Add phase (B1) to (B) and homogenize
- Add phase (B/B1) to (A) and homogenize
- Cool to 35°C and add phase (C) and (D) and homogenize

**Viscosity (Haake, RheoStress 1, 1s<sup>-1</sup>):**  
~ 18.000 mPas, 25°C

**Storage stability in terms of appearance:**  
Stable at room temperature, 40°C and 50°C for at least 3 months

### Information:

SPF (ISO 24444): 22.5  
UVA-PF (ISO 24443): 12.7  
Star rating: \*\*\*  
UVA-PF/SPF [>0.33]: 0.56  
Critical wavelength: 372 nm

### \*Supplier:

- 1 Sasol Chemicals
- 5 Tate & Lyle (Rahn)
- 9 Merck
- 16 BASF
- 32 Gustav Heess
- 58 Nordmann, Rassmann

No. 16905

## Multi-glow day cream SPF 10

Revive the natural glow of skin

Experience the ultimate glow: this day cream combines the high-performance emulsifier CERALUTION H RSPO-MB with UV filters and moisturizing emollients like COSMACOL EMI and ECL. Enjoy a smooth, luxurious application with PARAFOL 12 RSPO-MB, ensuring your skin stays hydrated, protected, and radiant all day long.



Discover our  
high-performing  
emulsifiers for  
glow actives

Phase	Trade Name	Supplier*	INCI name	Weight [%]	Function
A	Demin. water		Aqua (EU) / Water (US)	Add to 100	
	Glycerine		Glycerin	5.0	Moisturizing agent
	Amaze XT	106	Dehydroxanthan Gum	0.5	Thickener
	Hya-ACT M	64	Sodium Hyaluronate	0.1	Humectant
	Hya-Act XS	64	Hydrolyzed Hyaluronic Acid	0.01	Humectant
	Genuvisco Carrageenan CG-131	5	Carrageenan	0.5	Thickener
B	<b>CERALUTION H RSPO-MB</b>	1	<b>Behenyl Alcohol (and) Glyceryl Stearate (and) Glyceryl Stearate Citrate (and) Disodium Ethylene Dicotamide PEG-15 Disulfate</b>	3.5	<b>High-performance emulsifier, reduces crow feet wrinkles, moisturizer</b>
	<b>NACOL 18-98</b>	1	<b>Behenyl Alcohol</b>	2.0	<b>Co-emulsifier, consistency regulator</b>
	<b>COSMACOL EMI</b>	1	<b>Di-C12-13 Alkyl Malate</b>	6.0	<b>Wrinkle reduction, moisturizing emollient</b>
	<b>COSMACOL ECL</b>	1	<b>Tri-C14-15 Alkyl Citrate</b>	1.0	<b>Mild keratolytic, skin smoothing emollient</b>
	<b>PARAFOL 12 RSPO-MB</b>	1	<b>Dodecane</b>	6.0	<b>Fast spreading emollient, replacement for cyclomethicone</b>
	Softisan 649	96	Bis-Diglyceryl Polyacyladipate-2	1.0	Emollient
	Softisan 378	96	Caprylic/Capric/Myristic/ Stearic Triglyceride	1.0	Emollient
	Softisan 100	96	Hydrogenated Coco-Glycerides	2.0	Emollient
	Uvinul T 150	16	Ethylhexyl Triazone	1.0	UVB-filter
	Tinosorb S	16	Bis-Ethylhexyloxyphenol Methoxyphenyl Triazine	3.0	UVA/UVB-filter
	Jojoba oil	32	Simmondsia Chinensis (Jojoba) Seed Oil	0.5	Skin conditioning
	Tocopherol acetate		Tocopherol Acetate	0.5	Antioxidant
	Demin. water		Aqua (EU) / Water (US)	10.0	
	Panthenol (w = 0.75)		Panthenol	1.0	Active care agent
D	Preservative			q.s.	
	ILLUMISCIN®-GLOW	98	Water (Aqua) (and) Glycerin (and) Pentylene Glycol (and) Hordeum Vulgare Extract (and) Citric Acid	0.5	Active care agent
	Perfume		Parfum (EU) / Fragrance (US)	q.s.	Perfume

### Preparation:

1. Heat phase (A) and (B) separately to 70°C
2. Add phase (B) to (A) and homogenize
3. Cool to 35°C and add phase (C) and (D) and homogenize

**Viscosity (Haake, RheoStress 1, 1 s<sup>-1</sup>):**  
~ 39.000 mPas, 25°C

**Storage stability in terms of appearance:**  
Stable at room temperature, 40°C and 50°C for at least 3 months

**Appearance:**  
Liquid, transparent

### \*Supplier:

- 1 Sasol Chemicals
- 5 Tate & Lyle (Rahn)
- 16 BASF

32 Gustav Heess  
64 DSM  
96 IOI Oleo  
98 Rahn  
106 Nouryon

No. 16962

## Brightening serum

### Anti-pigment solution

Radiant, flawless skin? Our advanced serum brightens your complexion and targets visible dark spots holistically. CERALUTION CPE enhances the formulation of skin care products by providing stable emulsification in cold-cold process applications, which also helps reduce production costs and energy consumption. It delivers a high concentration of actives for maximum efficacy. The inclusion of PARAFOL 14 RSPO-MB ensures a lightweight, non-greasy feel, while COSMACOL OE provides deep hydration and nourishment. ISO FOL 16 enhances the serum's spreadability, ensuring an even application and a silky-smooth finish.

Phase	Trade name	Supplier*	INCI name	Weight [%]	Function
A	Demin. water		Aqua (EU) / Water (US)	Add to 100	
	CAREPHOS N	94	Sodium Polyphosphate	0.25	Chelating agent
	HYA ACT M	64	Sodium Hyaluronate	0.1	Humectant
	HYA ACT XS	64	Hydrolyzed Hyaluronic Acid	0.01	Humectant
	Perfume „Cascade“	21	Parfum (EU) / Fragrance (US)	q.s.	Perfume
	Solagum AX	70	Acai Senegal Gum – Xanthan Gum	0.7	Viscosity enhancer
	Nicotinamide		Niacinamide	5.0	Active care agent
	Panthenol (w = 0.75)		Panthenol	1.5	Active care agent
	Preservative			q.s.	
B1	CERALUTION CPE	1	Aqua (and) Caprylic/ Capric Triglyceride (and) Ceteareth-25 (and) Disodium Ethylene Dico- camide PEG-15 Disulfate (and) Acacia Senegal Gum (and) Xanthan Gum (and) Citric Acid (and) Benzyl Alcohol (and) Ethylhexylglycerin (and) Tocopherol	5.0	Self-emulsifying concentrate, cold processing possible
B	PARAFOL 14 RSPO-MB	1	Tetradecane	5.0	Emollient, replacement for Isohexadecane
	COSMACOL OE	1	Dicaprylyl Ether	5.0	Emollient
	ISO FOL 16	1	Hexyldecanol	5.0	Very light emollient
	Tocopherol	4	Tocopherol	0.5	Active care agent

#### Preparation:

1. Add phase (B) to phase (B1) at room temperature with turbulent stirring until the median particle size is < 0.40 µm. Please make sure that phase (B) is added slowly, otherwise local and irreversible phase inversion can occur
2. Homogenize phase (A)
3. Add phase (B/B1) to phase (A) and homogenize

Viscosity (Haake, RheoStress 1, 1s<sup>-1</sup>):  
~ 3.500 mPas, 25°C

**Storage stability in  
terms of appearance:**  
Stable at room temperature,  
40°C and 50°C for at least 3 months

#### \*Supplier:

- 1 Sasol Chemicals
- 4 Alfa Aesar
- 21 Cosnaderm
- 64 DSM
- 70 Seppic
- 94 BK Giulini

High  
concentration of  
actives: maximize  
results with a  
lightweight  
finish

Superior skin  
conditioning  
for retaining  
moisture

No. 16833

## Anti-aging night cream with retinol and ceramide

Regenerate and restore overnight, wake up to youthful, radiant skin

An intensive nourishing anti-aging cream for the nightly routine, featuring the latest in skin care trends. This luxurious formula deeply moisturizes and hydrates dry areas of your face, thanks to the powerful emulsifier CERALUTION H RSPO-MB. It blends potent actives like retinol, renowned for its anti-aging properties, and ceramides, essential for restoring the skin barrier and retaining moisture. Our emollients provide exceptional skin conditioning, while NAFOL 1618 H RSPO-MB ensures a smooth, consistent texture that feels divine.

Phase	Trade name	Supplier*	INCI name	Weight [%]	Function
A	Demin. water		Aqua (EU) / Water (US)	Add to 100	
	Glycerine		Glycerin	5.0	Humectant
	Amaze XT	106	Dehydroxanthan Gum	0.5	Thickener
	Genuvisco Carrageenan CG-131	5	Carrageenan	0.5	Thickener
B	CERALUTION H RSPO-MB	1	Behenyl Alcohol (and) Glyceryl Stearate (and) Glyceryl Stearate Citrate (and) Disodium Ethylene Dicaprylate PEG-15 Disulfate	4.0	High-performance emulsifier, reduces crow feet wrinkles, moisturizer
	NAFOL 1618 H RSPO-MB	1	Cetearyl Alcohol	2.5	Co-emulsifier, consistency regulator
	COSMACOL EMI	1	Di-C12-13 Alkyl Malate	2.0	Wrinkle reduction, moisturizing emollient
	PARAFOL 22-95	1	Docosane	2.0	Replacement for Dimethicone
	PARAFOL 14 RSPO-MB	1	Tetradecane	2.0	Emollient, replacement for Isohexadecane
	ISOFOL 18 T	9	Octyldecanol	4.0	Emollient
	Shea butter	32	Butyrospermum Parkii (Shea) Butter	2.0	Skin conditioning
	Softisan 100	96	Hydrogenated Coco-Glycerides	1.0	Emollient
	Almond oil	32	Prunus Amygdalus Dulcis Oil	1.0	Skin conditioning
	Ceramide III	3	Ceramide NP	0.1	Active care agent
	Tocopheryl acetate		Tocopheryl Acetate	0.5	Antioxidant
	Demin. water		Aqua (EU) / Water (US)	10.0	
C	Retinol CB 50	64	Retinol (and) Undecane (and) Tridecane (and) Tocopherol	0.1	Active care agent
	Panthenol (w = 0.75)		Panthenol	1.0	Active care agent
	Preservative			q.s.	
D	Perfume „Cascade“	21	Parfum (EU) / Fragrance (US)	q.s.	Perfume

### Preparation:

1. Heat phase (A) and (B) separately to 70°C
2. Add phase (B) to (A) and homogenize
3. Cool to 35°C and add phase (C) and (D) and homogenize

**Viscosity (Haake, RheoStress 1, 1 s<sup>-1</sup>):**  
~ 31.000 mPas, 25°C

**Storage stability in terms of appearance:**  
Stable at room temperature, 40°C and 50°C for at least 3 months

### \*Supplier:

- 1 Sasol Chemicals
- 3 Evonik Industries
- 5 Tate & Lyle (Rahn)
- 21 Cosnaderm
- 32 Gustav Heess
- 64 DSM
- 96 IOI Oleo
- 106 Nouryon





Top choice  
emollients  
for lip care  
formulations

No. 17018

## Hydrating lip gloss

Long lasting shimmering gloss with hyaluronic acid

Indulge in juicy lips: our formula delivers an addictive, revitalizing glow and glossy finish. Our emollients COSMACOL ELI and EBL ensure perfect pigment-wetting and deep hydration, effortlessly dissolving hyaluronic acid for maximum moisture. NACOL 22-98 creates a weightless texture, allowing you to customize the viscosity from a balm to an oil. Enjoy softly tinted lips with light, natural coverage. Elevate your lip care routine with a touch of luxury and shine.

Phase	Trade Name	Supplier*	INCI name	Weight [%]	Function
A	COSMACOL EBL	1	C12-15 Alkyl Benzoate	15.0	Pigment wetting agent
	HA-Oil	105	Ricinus Communis Seed Oil, Sorbitan Olivatate, Sodium Hyaluronate, Caproic Acid	0.5	Pigment wetting agent, moisturizing emollient
B	NACOL 22-98	1	Behenyl Alcohol	6.00	Viscosity controlling
	COSMACOL ELI	1	C12-13 Alkyl Lactate	15.0	Pigment wetting agent, moisturizing emollient
	Shea butter	32	Butyrospermum Parkii (Shea) Butter	6.0	Skin conditioning
	Argan oil	32	Argania Spinosa (Argan) Kernel Oil	2.00	Skin conditioning
	Mango butter	32	Mangifera Indica (Mango) Seed Butter	6.9	Skin conditioning
	SOFTIGEN PURA	96	Olus Oil / Vegetable Oil	46.5	Skin conditioning, emollient
C	Panthenol 98 %	90	Panthenol	0.1	Active care agent
	Perfume "Cherry & Cream"	21	Parfum (EU) / Fragrance (US)	0.5	Perfume
	Tocopherol	4	Tocopherol	0.5	Antioxidant
	Colorona Bordeaux	9	Iron Oxides (CI 77491) (and) Mica	1.0	Pigment

### Preparation:

1. Mix phase (A) under stirring at 75°C for 30 minutes
2. Melt phase (B) under stirring at 60°C
3. Add phase (B) to (A) under stirring
4. Add phase (C) to (AB) at 40°C under stirring and cool down

### Storage stability in

#### terms of appearance:

Stable at room temperature, 5°C and 40°C for at least 3 months

#### Appearance:

Semi-solid, red

### \*Supplier:

- 1 Sasol Chemicals
- 4 Alfa Aesar
- 9 Merck
- 21 Cosnaderm
- 32 Gustav Hees
- 90 Thermo Fisher Scientific
- 96 IOI Oleo
- 105 GfN & Selco





# Contact us

## Sasol Chemicals

Personal Care, Health & Wellness



### Source reference

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