



## GET READY FOR SIMPLICITY

Sasol's solutions for multifunctionality



# 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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## Our lives get busier by the minute.

**Hence, the longing for simplicity increases accordingly. Yet, when looking into our beauty routine how do we maintain all the functionality and benefits we have gotten to love with fewer products or fewer steps?**

Introducing: the era of multifunctionality. This significant market trend aligns with the widespread pursuit of simplicity, sustainability, and minimalism, emphasizing the use of versatile products. Whether it's micellar waters seamlessly combining cleansing, makeup removal, and toning, or versatile creams designed for the face, hands, feet, and body – multifunctionality reigns supreme. Consider our glowing hair – a solid bar conditioner infused with multifunctional ingredients. This not only conserves water, a precious resource, but also reduces transportation weight, positively impacting the CO<sub>2</sub> balance. Multifunctionality provides a diverse range of options, fostering a clutter-free bathroom and promoting a simplified, sustainable lifestyle. It's no surprise that the beauty industry continually explores innovative approaches to meet this trend, offering consumers a sense of tranquility while maintaining brand loyalty.

Sasol's product portfolio is set up to support you in developing these multifunctional products consumers are asking for. Our COSMACOL esters are the perfect examples of how to unite the benefits of emollients with moisturization, sebum regulation or pigment dispersion. This makes them the ideal candidates for all things considered skin care. For cleansing products our new sustainable CARINEX range brings ultra-mildness and sebum regulation into the formulation while gently washing your hair or skin, offering a new dimension for your products. For skin and sun care CERALUTION emulsifiers are the option of choice to deliver high UV-filter efficiency coupled with an outstanding skin feel.

**Get ready for simplicity!**

# Sasol's solutions for multifunctionality

Product	INCI name	Benefits	Formulations
CARINEX SL A	Glycolipids	<ul style="list-style-type: none"> <li>High-foaming, ultra-mild multifunctional biosurfactant</li> </ul>	<ul style="list-style-type: none"> <li>Bye bye acne cleanser ..... p. 8</li> <li>Oh so mild shower gel ..... p. 9</li> <li>Glowing hair solid bar conditioner ..... p. 10</li> <li>Radiant skin bi-phase makeup remover ..... p. 12</li> <li>Mild and gentle hair conditioner ..... p. 13</li> <li>Wash me clean hand foam ..... p. 14</li> <li>Pure skin sebum control serum ..... p. 15</li> <li>All gender face fluid ..... p. 16</li> <li>Well-aging day cream ..... p. 17</li> <li>Rise and shine body lotion ..... p. 19</li> <li>Fresh for the day deo stick ..... p. 20</li> </ul>
CARINEX SL L	Glycolipids	<ul style="list-style-type: none"> <li>Low foaming, ultra-mild multifunctional biosurfactant</li> </ul>	<ul style="list-style-type: none"> <li>Bye bye acne cleanser ..... p. 8</li> <li>Oh so mild shower gel ..... p. 9</li> <li>Glowing hair solid bar conditioner ..... p. 10</li> <li>Mild and gentle hair conditioner ..... p. 13</li> <li>Wash me clean hand foam ..... p. 14</li> </ul>
CERALUTION ES	Ceteareth-25 (and) Disodium Ethylene Dicotamide PEG-15 Disulfate	<ul style="list-style-type: none"> <li>Emulsifier</li> <li>Dispersant for O/W emulsion sprays</li> </ul>	<ul style="list-style-type: none"> <li>Brighter days sunscreen spray (SPF 50+) ..... p. 25</li> </ul>
CERALUTION H	Behenyl Alcohol (and) Glyceryl Stearate (and) Glyceryl Stearate Citrate (and) Disodium Ethylene Dicotamide 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>Well-aging day cream ..... p. 17</li> <li>Cover me up CC lotion ..... p. 21</li> <li>Cover me in velvet hand cream ..... p. 22</li> <li>Sunny days kids sunscreen (SPF 30) ..... p. 24</li> </ul>
COSMACOL EBL	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>Well-aging day cream ..... p. 17</li> <li>Cover me up CC lotion ..... p. 21</li> <li>Cover me in velvet hand cream ..... p. 22</li> <li>Sunny days kids sunscreen (SPF 30) ..... p. 24</li> <li>Brighter days sunscreen spray (SPF 50+) ..... p. 25</li> <li>Shimmering look lip gloss ..... p. 26</li> <li>Kiss-me lipstick ..... p. 27</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>• Rise and shine body lotion ..... p. 19</li> <li>• Cover me in velvet hand cream ..... p. 22</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>• Bye bye acne cleanser ..... p. 8</li> <li>• Well-aging day cream ..... p. 17</li> <li>• Rise and shine body lotion ..... p. 19</li> <li>• Fresh for the day deo stick ..... p. 20</li> <li>• Sunny days kids sunscreen (SPF 30) ..... p. 24</li> <li>• Shimmering look 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>• Glowing hair solid bar conditioner ..... p. 10</li> <li>• Cover me up CC lotion ..... p. 21</li> <li>• Healthy feet anti sore rub stick ..... p. 23</li> <li>• Sunny days kids sunscreen (SPF 30) ..... p. 24</li> <li>• Brighter days sunscreen spray (SPF 30) ..... p. 25</li> <li>• Kiss-me lipstick ..... p. 27</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>• Mild and gentle hair conditioner ..... p. 13</li> <li>• All gender face fluid ..... p. 16</li> <li>• Well-aging day cream ..... p. 17</li> <li>• Grooming routine hair and beard oil ..... p. 18</li> <li>• Cover me up CC lotion ..... p. 21</li> <li>• Cover me in velvet hand cream ..... p. 22</li> <li>• Sunny days kids sunscreen (SPF 30) ..... p. 24</li> <li>• Brighter days sunscreen spray (SPF 50+) ..... p. 25</li> </ul>

## Bye bye acne cleanser

No. 16210

Acne and oily skin often impact your overall wellbeing. The sustainable multifunctional CARINEX SL A helps to clean your skin gently while balancing the sebum production. COSMACOL ELI additionally contributes moisturization benefits and anti-acne properties. **Say goodbye to acne and hello to beautiful skin!**



Phase	Trade name	Supplier*	INCI name	Weight [%]	Function
A	Salicylic acid		Salicylic Acid	0.5	Anti-acne agent
	Glycerine		Glycerin	2.0	Moisturizing agent
	Propylene Glycol		Propylene Glycol	2.0	Solubilizing agent
B	CARINEX SL A (w = 0.6)	1	Glycolipids	6.6	Ultra-mild multifunctional biosurfactant
	MARLINAT 242/70 C RSPO-MB	1	Sodium Laureth Sulfate	8.6	Surfactant, high foaming power
	COSMACOL ELI	1	C12-13 Alkyl Lactate	0.2	Moisturizing emollient
	Tego Betain F 50	3	Cocamidopropyl Betaine	5.3	Co-surfactant
	D-Panthenol (w = 0.75)	4	Panthenol	0.5	Active care agent
	Disodium EDTA		Disodium EDTA	0.1	Chelating agent
	Tocopherol	4	Tocopherol	0.1	Antioxidant
	Perfume "Care"	27	Parfum (EU) / Fragrance (US)	0.1	Perfume
	Antil 200	3	PEG-200 Hydrogenated Glyceryl Palmate (and) PEG-7 Glyceryl Cocoate	1.5	Thickening agent
	Preservative			q.s.	Preservative
	Demin. water		Aqua (EU) / Water (US)	Add to 100	
C	NaCl		Sodium Chloride	2.5	Thickening agent

### Preparation:

1. Homogenize phase (A)
2. Add phase (B) to (A) and homogenize
3. Adjust the pH-value to pH 4.5 – 5.5
4. Add phase (C) to (AB) and homogenize

**Viscosity (Haake, RheoStress 1, 10 s<sup>-1</sup>):**  
~ 1000 mPas, 20°C

**Storage stability in terms of appearance:**  
Stable at room temperature, 8°C and 40°C for at least 3 months

**Appearance:**  
liquid, transparent

### \*Supplier:

- 1 Sasol Chemicals
- 3 Evonik Industries
- 4 Alfa Aesar
- 27 Givaudan





## Oh so mild shower gel

No. 16155

Ever wondered if a shower gel could be more than just that? What if adding an ultra-mild surfactant such as CARINEX SL A will help to maintain your skin moisturization while being super gentle in the process? A new generation of shower gels is here, mild yet mighty. **Get ready for change!**

Phase	Trade name	Supplier*	INCI name	Weight [%]	Function
A	MARLINAT 242/70 C RSPO-MB	1	Sodium Laureth Sulfate	14.2	Base surfactant, high foaming power
	Demin. water		Aqua (EU) / Water (US)	30.0	
B	CARINEX SL A (w = 0.6)	1	Glycolipids	8.3	Ultra-mild multifunctional biosurfactant
	COSMACOL OE	1	Dicaprylyl Ether	0.5	Very light, good spreading emollient
	Tego Betain F 50	3	Cocamidopropyl Betaine	13.1	Co-surfactant
	Glycerine		Glycerin	0.5	Moisturizing agent
	D-Panthenol (w = 0.75)	4	Panthenol	0.5	Active care agent
	Plantacare 1200 UP	16	Lauryl Glucoside	1.0	Co-surfactant
	Rewoteric AM C MB	3	Sodium Cocoamphoacetate	1.0	Amphoteric surfactant
	Perfume "Care"	27	Parfum (EU) / Fragrance (US)	0.3	Perfume
	Preservative			q.s.	Preservative
	Demin. water		Aqua (EU) / Water (US)	Add to 100	
C	NaCl		Sodium Chloride	2.5	Thickening agent

### Preparation:

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

### Viscosity (Haake, RheoStress 1, 10 s<sup>-1</sup>):

~ 3400, 20 °C

### Storage stability in terms of appearance:

Stable at room temperature, 8°C and 40°C for at least 3 months

### Appearance:

liquid, transparent

### \*Supplier:

- 1 Sasol Chemicals
- 3 Evonik Industries
- 4 Alfa Aesar
- 16 BASF
- 27 Givaudan



## Glowing hair solid bar conditioner

No. 16388

Discover the secret to lustrous, glossy, and healthy hair! Sun exposure, hair dyes, and straightening can take a toll on your locks. Introducing our hair conditioner solid bar – the ideal solution for nourishing conditioning with a weightless feel. Powered by CARINEX SL A and CARINEX SL L, these conditioning agents work wonders. **Say goodbye to troublesome bad hair days!**

Phase	Trade Name	Supplier*	INCI name	Weight [%]	Function
A	Cacao butter	32	Theobroma Cacao Seed Butter	9.0	Skin conditioning
	Mango butter	32	Mangifera Indica Seed Butter	10.0	Skin conditioning
	NACOL 22 - 98	1	Behenyl Alcohol	19.5	Viscosity controlling, consistency regulator
	Tegosoft MM MB	3	Myristyl Myristate	19.0	Skin conditioning - emollient
	NAFOL 1822	1	Behenyl Alcohol	15.0	Consistency regulator
	TegoBetain CK D	3	Cocamidopropyl Betaine	10.0	Surfactant cleansing
	Genamin BTLF	8	Behentrimonium Chloride	1.0	Hair conditioning
	Corn PO 4 Starch	91	Distarch Phosphate	5.0	Binding
	CARINEX SL A	1	Glycolipids	2.5	Ultra-mild biosurfactant, scalp care
	CARINEX SL L	1	Glycolipids	2.5	Ultra-mild biosurfactant, scalp care
B	Genamin CTAC 50	8	Cetrimonium Chloride	2.0	Antistatic
	Tocopherol	90	Tocopherol	0.5	Antioxidant
	COSMACOL EMI	1	DI-C12-13 Alkyl Malate	3.0	Medium spreading emollient, moisturizing agent
	Perfume "Care"	27	Parfum / Fragrance	1.0	Perfume

### Preparation:

1. Melt all ingredients of phase A at 60°C under stirring
2. Add phase (B) to (A) and homogenize for 1 min at 12.000 rpm

Fill into silicone sleeves for cooling

### Storage stability in terms of appearance:

Stable at room temperature, 8°C and 40°C for at least 3 months

**Appearance:**  
solid, opaque

### \*Supplier:

- 1 Sasol Chemicals
- 3 Evonik Industries
- 8 Clariant
- 27 Givaudan
- 90 Thermo Fisher Scientific
- 91 Agrana Stärke



## Soft cleansing face and body wash

No. 16502

Step into the next era of skin care with our ground-breaking waterless face and body wash. Our cutting-edge formula removes the reliance on water, offering a convenient and eco-conscious cleansing solution for those on the move. Harness the power of ultra-mild biosurfactants and skin-conditioning agents with CARINEX SL A and CARINEX SL L. **Pamper your skin with soothing cleansing!**



Phase	Trade Name	Supplier*	INCI name	Weight [%]	Function
A	Cacao butter	32	Theobroma Cacao Seed Butter	9.0	Skin conditioning
	Shea butter	32	Butyrospermum Parkii (Shea) Butter	11.0	Skin conditioning
	NACOL 22 - 98	1	Behenyl Alcohol	19.5	Consistency regulator
	Pureact I-P 85	92	Sodium Cocoyl Isethionate	10.0	Surfactant
	NAFOL 1822	1	Behenyl Alcohol	15.0	Consistency regulator
	Tego Betain CK D	3	Cocamidopropyl Betaine	15.0	Cleansing
	Corn PO 4 Starch	91	Distarch Phosphate	5.0	Viscosity control
	CARINEX SL A	1	Glycolipids	2.5	Ultra-mild biosurfactant, skin care
	CARINEX SL L	1	Glycolipids	2.5	Ultra-mild biosurfactant, skin care
	Tocopherol	90	Tocopherol	0.5	Antioxidant
B	COSMACOL EMI	1	DI-C12-13 Alkyl Malate	4.0	Medium spreading emollient, moisturizing agent
	Blue colours	9	CI 74160	q.s.	Colour
	Demin. water		Aqua (EU) / Water (US)	q.s.	Solvent
	Perfume "Care"	27	Parfum / Fragrance	1.0	Perfume

### Preparation:

1. Melt all ingredients of phase A at 60°C under stirring
2. Add phase (B) to (A) and homogenize for 1 min at 12.000 rpm

Fill into silicone sleeves for cooling

### Storage stability in terms of appearance:

Stable at room temperature, 8°C and 40°C for at least 3 months

**Appearance:**  
solid, light blue

### \*Supplier:

- 1 Sasol Chemicals
- 3 Evonik Industries
- 8 Clariant
- 9 Merck
- 27 Givaudan
- 32 Gustav Hees
- 90 Thermo Fisher Scientific
- 91 Agrana Stärke
- 92 Innospec Performance Chemicals

## Radiant skin bi-phase makeup remover

No. 16463

Reveal effortless beauty: our bi-phase makeup remover unlocks the secret to seamless makeup removal. This dual-phase solution, harnessing the synergy of oil and water, effortlessly dissolves even the most stubborn makeup. Leaving your skin clean, refreshed, and residue-free featuring CARINEX SL A, an ultra-mild biosurfactant doubling as a skin conditioner, alongside skin-loving ingredients like ISOFOL 20, PARAFOL 12, and PARAFOL 14 – all RSPO-MB certified for a sustainable touch. Engage in with the bi-phases! **Effortlessly cleanse away makeup completely, every single day!**



Phase	Trade Name	Supplier*	INCI name	Weight [%]	Function
A	Sodium Hydroxide or lactic acid		Sodium Hydroxide or Lactic Acid	q.s.	Buffering
	Demin. water		Aqua (EU) / Water (US)	62.1	Solvent
	Hydrolite 5 green	93	Pentylene Glycol	5.0	Skin conditioning
	Aloe Vera Gel	95	Aloe Barbadensis Leaf Juice	0.2	Skin protecting
	CARINEX SL A	1	Glycolipids	2.0	Ultra-mild biosurfactant, skin care, miscellaneous
	Carephos N	94	Sodium Polyphosphate	0.25	Chelating
B	ISOFOL 20 RSPO-MB	1	Octyldodecanol	20	Medium spreading emollient, skin conditioning
	PARAFOL 12 RSPO-MB	1	Dodecane	4.8	Fast spreading emollient, replacement for cyclomethicone, skin conditioning
	PARAFOL 14 RSPO-MB	1	Tetradecane	5.0	Good spreading emollient, replacement for Isohexadecane, skin conditioning
	Tocopherol	90	Tocopherol	0.5	Antioxidant

### Preparation:

1. Mix phase (A) and adjust pH to 5.5
2. Mix phase (B)
3. Combine A and B

### Storage stability in terms of appearance:

Stable at room temperature, 8°C and 40°C for at least 3 months

### Appearance:

two phases: clear, blue

### \*Supplier:

- 1 Sasol Chemicals
- 90 Thermo Fisher Scientific
- 93 Symrise
- 94 BK Giulini
- 95 CAESAR & LORENTZ





## Mild and gentle hair conditioner

No. 16527

Defend your hair against the effects of sun exposure, hair dyes, and straightening with our gentle conditioner. Our products boast the benefits of ultra-mild biosurfactants, CARINEX SL A and CARINEX SL L, alongside the fast-spreading emollient PARAFOL 12 RSPO-MB – all serving as effective hair conditioning agents. This versatile treatment not only simplifies your shower routine, creating extra space, but also takes your hair care to unprecedented levels. **Hello, happy hair!**

Phase	Trade name	Supplier*	INCI name	Weight [%]	Function
A	Water		Aqua (EU) / Water (US)	Add 100	Solvent
	Preservative			q.s.	Preservative
	Genamin CTAC 50	8	Cetrimonium Chloride	2.00	Antistatic
	N-Hance 3196	84	Guar Hydroxypropyltrimonium Chloride	0.50	Film forming
A1	Solagum Tara	70	Caesalpinia Spinosa Gum	0.50	Viscosity controlling
B	GALENOL 1618 AE RSPO-MB	1	Cetearyl Alcohol (and) Ceteareth-20	5.00	Nonionic self-emulsifying mixture for O/W - emulsions
	Genamin BTL F	8	Behentrimonium Chloride	1.00	Hair conditioning
	PARAFOL 12 RSPO-MB	1	Dodecane	2.0	Fast spreading emollient, replacement for cyclomethicone, skin conditioning
	Argan oil	32	Argania Spinosa (Argan) Kernel Oil	0.50	Hair conditioning
	COSMACOL OE	1	Dicaprylyl Ether	0.50	Very light, good spreading emollient
	NAFOL 1618 H RSPO-MB	1	Cetearyl Alcohol	3.00	Co-emulsifier, consistency regulator
	Tocopheryl Acetate	90	Tocopheryl Acetate	0.50	Antioxidant
	Aloe Vera Gel	95	Aloe Barbadensis Leaf Juice	0.20	Skin protecting
	CARINEX SL A	1	Glycolipids	2.00	Ultra-mild biosurfactants, scalp care
	CARINEX SL L	1	Glycolipids	2.00	Ultra-mild biosurfactants, scalp care
C	Biotin	64	Biotin	0.01	Active Ingredient
	Glycerin	100	Glycerin	3.00	Humeactant
	Perfume Care	27	Parfum (EU) / Fragrance (US)	0.50	Perfume

### Preparation:

1. Heat phase (A) to 75-80°C.
2. Once phase (A) has warmed up, add solagum tara.
3. Heat phase (B) to 75-80°C, add phase (B) to (A) and homogenize for 2 min. at 12.000 rpm.
4. Cool down to 40°C under stirring and add phase (C) + (D) at 30 °C homogenize 1.5 min at 10.000 rpm.
5. Adjust pH, if necessary.

**Viscosity (Haake, RheoStress 1, 1 s<sup>-1</sup>):**  
~ 13.000 mPas, 25°C

**pH:** 6.0 +/-0.5

**Storage stability in terms of appearance:**  
Stable at room temperature, 8°C and 40°C for at least 3 months

**Appearance:**  
opaque

### \*Supplier:

- 1 Sasol Chemicals
- 8 Clariant International.
- 27 Givaudan
- 32 Gustav Heess
- 64 DSM .
- 70 Seppic
- 84 Ashland
- 90 Thermo Fischer Scientific
- 95 CAESAR & LORENTZ
- 100 VWR International



## Wash me clean hand foam

No. 16120

If there is one thing we learned in recent years it's the importance of washing ones hands. Nevertheless, that often causes dry skin and cracking. CARINEX SL A is a wonderful solution to maintain your cleaning routine while caring for your hands. Adding COSMACOL OE as well brings further relief to dry skin and might even help to reduce the frequency to use hand cream. **Uniting clean hands with the care they are longing for.**

Phase	Trade name	Supplier*	INCI name	Weight [%]	Function
A	MARLINAT 242/70 C RSPO-MB	1	Sodium Laureth Sulfate	6.2	Surfactant, high foaming power
	Demin. water		Aqua (EU) / Water (US)	30.0	
B	CARINEX SL A (w = 0.6)	1	Glycolipids	8.3	Ultra-mild multifunctional biosurfactant
	COSMACOL OE	1	Dicaprylyl Ether	0.4	Very light, good spreading emollient
	Tego Betain F 50	3	Cocamidopropyl Betaine	8.5	Co-surfactant
	Glycerine		Glycerin	0.5	Moisturizing agent
	Perfume "Care"	27	Parfum (EU) / Fragrance (US)	0.2	Perfume
	Preservative			q.s.	Preservative
	Demin. water		Aqua (EU) / Water (US)	Add to 100	
C	NaCl		Sodium Chloride	1.1	

### Preparation:

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

### Storage stability in terms of appearance:

Stable at room temperature, 8°C and 40°C for at least 3 months

**Appearance:**  
liquid, transparent

**Foam quality:**  
fine and dense

### \*Supplier:

- 1 Sasol Chemicals
- 3 Evonik Industries
- 27 Givaudan

# Pure skin sebum control serum

No. 16387

Explore our sebum-control serum, offering a holistic approach with moisturizing and anti-aging benefits. The very mild multifunctional biosurfactant CARINEX SL A does not only help to solubilize actives and perfumes, but features skin care properties. **Clear skin makes you glow!**

Phase	Trade Name	Supplier*	INCI name	Weight [%]	Function
A	Verdessence Xanthan	16	Xanthan Gum	0.30	Gel forming
	HYA ACT M	64	Sodium Hyaluronate	0.05	Humectant
	HYA ACT S	64	Sodium Hyaluronate	0.01	Humectant
	Carinex SL A	1	Glycolipids	0.50	Ultra-mild biosurfactant, skin care, sebum regulation
	Niacinamide	64	Niacinamide	2.00	Smoothing
	Demin. water		Aqua (EU) / Water (US)	92.04	Solvent
	Preservative			q.s.	Skin conditioning
	Perfume "Care"	27	Parfum / Fragrance	0.10	Perfume

Preparation:

- Homogenize phase (A)
- Adjust pH to 5.5-6.0

Storage stability in terms of appearance:

Stable at room temperature, 8°C and 40°C for at least 3 months

Appearance:

liquid, transparent

\*Supplier:

- 1 Sasol Chemicals
- 16 BASF
- 27 Givaudan
- 64 DSM Nutritional Products.
- 93 Symrise





## All gender face fluid

No. 16457

Transform your skincare routine with our on-the-go solution, carefully crafted to suit all skin types, wherever and whenever you need it. Our inventive blend features lightweight and hydrating emollients like COSMACOL, PARAFOL, and ISO FOL. The distinctive formulation, utilizing CARINEX SL A as an innovative emulsifier, incorporates an ultra-mild biosurfactant for a gentle yet effective application. **Enjoy the radiant and well-nourished skin you deserve!**



Phase	Trade Name	Supplier*	INCI name	Weight [%]	Function
A	Water		Aqua (EU) / Water (US)	Add 100	Solvent
	Carephos N	94	Sodium Polyphosphate	0.25	Chelating agent
	CARINEX SL A	1	Glycolipids	3.00	Ultra-mild biosurfactant, emulsifying, miscellaneous
	Amisoft HS-11P	98	Sodium Stearoyl Glutamate	0.50	Surfactant - emulsifying
	Hya-ACT M	64	Sodium Hyaluronate	0.10	Humeactant
	Hya-ACT XS	64	Hydrolyzed Hyaluronic Acid	0.01	Skin conditioning
	Solagum AX	70	Acai Senegal Gum Xanthan Gum	0.70	Viscosity enhancer
B	PARAFOL 14 RSPO-MB	1	Tetradecane	5.00	Good spreading emollient, replacement for isohexadecane
	COSMACOL OE	1	Dicaprylyl Ether	5.00	Good-spreading emollient, silky feeling
	ISO FOL 20 RSPO-MB	1	Octyldodecanol	5.00	Medium spreading emollient, skin conditioning
	Tocopherol	90	Tocopherol	0.50	Antioxidant
	SymDStress	93	Cannabidiol	0.025	Skin-Protecting
	Perfume	21	Parfum (EU) / Fragrance (US)	0.20	Perfume
C	Preservative	93		q.s.	Preservative

### Preparation:

1. Homogenize phase (A) by using an Ultra Turrax.
2. Add phase (B) to (A) under stirring to emulsify (12 m/s, 4 min).
3. Add phase (C) and homogenize (8000 U / min)

### Viscosity (Haake, RheoStress 1, 1s<sup>-1</sup>):

~ 3.200 mPas, 25°C

pH: 5.70 +/- 0.5

### Storage stability in terms of appearance:

Stable at room temperature, 8°C and 40°C for at least 3 months, stable at 50°C for 1 months

### Appearance:

opaque

### \*Supplier:

- 1 Sasol Chemicals
- 21 Cosnaderm Chemische Rohstoffe
- 32 Gustav Hees
- 64 DSM
- 70 Seppic
- 90 Thermo Fisher Scientific
- 93 Symrise
- 94 BK Giulini
- 98 Ajinomoto (Rahn)



## Well-aging day cream (SPF 20)

No. 16436

Discover enduring beauty with our well-aging day cream – a groundbreaking fusion of fast-spreading and moisturizing emollients and a UV-filter solubilizer. Embrace the natural transformation of maturing skin with grace as COSMACOL EBL and ELI collaborate to provide essential moisturization, addressing dryness and the early signs of aging such as fine lines and crow's feet. PARAFOL 12, a RSPO-MB certified fast-spreading emollient, serves as a replacement for cyclomethicone. The unique synergy of CERALUTION H RSPO-MB and CARINEX SL A results in a stable emulsion system, boasting a high oil content and actives. **Farewell wrinkles!**

Phase	Trade Name	Supplier*	INCI name	Weight [%]	Function
A	CERALUTION H RSPO-MB	1	Behenyl Alcohol (and) Glyceryl Stearate (and) Glyceryl Stearate Citrate (and) Disodium Ethylene Dicoamide PEG-15 Disulfate	3.00	Emulsifier / reduces crow feet wrinkles / moisturizer
	NAFOL 1618 H RSPO-MB	1	Cetaeryl Alcohol	4.00	Viscosity control / Co-emulsifier
	COSMACOL EBL	1	C12-15 Alkyl Benzoate	6.00	Moisturizing emollient, Solubilizer for UV-Filter
	COSMACOL ELI	1	C12-13 Alkyl Lactate	2.00	Moisturizing emollient, Solubilizer for UV-Filter
	COSMACOL OE	1	Dicaprylyl Ether	1.00	Very light, good spreading emollient, silky feeling
	PARAFOL 12 RSPO-MB	1	Dodecane	1.00	Fast spreading emollient, replacement for cyclomethicone
	Tinosorb S (BEMT)	16	Bis-Ethylhexyloxyphenol Methoxyphenyl Triazine	3.00	UVA / UVB-Filter
	Uvinul A Plus (DHHB)	16	Diethylamino Hydroxybenzoyl Hexyl Benzoate	2.00	UVA-Filter
	Uvasorb HEB	29	Diethylhexyl Butamido Triazone	3.00	UVB-Filter
B	Demin. water		Aqua (EU) / Water (US)	Add 100	
	Amisoft HS-11 P	98	Sodium Stearoyl Glutamate	1.00	Surfactant - emulsifying
	Amaze XT	59	Dehydroxyxanthan Gum	0.50	Viscosity enhancer
	Hya-ACT M	64	Sodium Hyaluronate	0.10	Humeactant
	Hya-ACT XS	64	Hydrolyzed Hyaluronic Acid	0.01	Humeactant
	Glycerin	100	Glycerin	3.00	Humeactant
	CARINEX SL A	1	Glycolipids	2.00	Ultra-mild biosurfactant, emulsifying, miscellaneous
	Preservative			0.50	Pres.
	Vitamin E Acetate	90	Tocopheryl Acetate (and) Helianthus Annuus Seed Oil	0.50	Antioxidant
	AstaCos OL 50	91	Simmondsia Chinensis (Jojoba) Seed Oil (and) Haematococcus Pluvialis Extract (and) Tocopherol (and) Helianthus Annuus (Sunflower) Seed Oil	0.01	Active ingredient
C	Demin. water		Aqua (EU) / Water (US)	10.00	
	Stay-C 50	64	Sodium Ascorbylpalmitate	0.10	Antioxidant
	Panthenol (75%lg)	90	Panthenol	1.00	Humectant, soothing
D	Preservative			5.00	Preservative
	Perfume	27	Parfum (EU) / Fragrance (US)	0.30	Perfume

### Preparation:

1. Heat phase (A) to 80°C.
2. Disperse Phase (B) and heat to 75°C
3. Add to (B) to (A) at 75 – 80°C and homogenize 2 min @13.000 rpm and cool down to 40°C
4. Add phase (D) under stirring.
5. Adjust the pH-value and homogenize

**Viscosity (Haake, RS 1, 1 s<sup>-1</sup>):**  
~ 44.000 mPas, 25°C

**pH:** 6.0 +/- 0.5

**Storage stability in terms of appearance:**  
Stable at room temperature, 8°C, 40°C and 50°C for at least 3 months

**Appearance:**  
rose / orange

### Information:

UVA-PF (ISO 24443): 8,2  
UVA-PF/SPF: 0,41  
UVA/UVB Ratio: 0,69  
Critical Wavelength: 371  
Star Rating: \*\*\*  
SPF (ISO 24444): 20,2

### \*Supplier:

1 Sasol Chemicals  
16 BASF  
27 Givaudan  
29 3V SIGMA  
59 Azelis  
64 DSM  
90 Thermo Fisher Scientific  
99 Biolife Science - BDI Group  
100 VWR International



## Grooming routine hair and beard oil

No. 16520

Immerse yourself in the luxurious indulgence of our hair and beard oil, meticulously crafted with a selection of premium ingredients. Enriched with RSPO-MB certified ISOFOL 20, a lavish and medium-spreading emollient, alongside the light emollient ISOFOL 12, this blend also features the fast-spreading RSPO-MB certified PARAFOL 12 to ensure a weightless feel on your hair. **Enjoy grooming!**

Phase	Trade Name	Supplier*	INCI name	Weight [%]	Function
A	Sunflower oil	32	Helianthus Annuus (Sunflower) Seed Oil	24.5	Skin conditioning
	Argan oil	32	Argania Spinosa (Argan) Kernel Oil	1.00	Skin conditioning
	Sweet almond oil	32	Prunus Amygdalus Dulcis (Sweet Almond) Oil	5.00	Skin conditioning
	Witarix MCT 60/40	96	Caprylic/Capric Triglycerid	3.00	Skin conditioning
	ISOFOL 20 RSPO-MB	1	Octyldodecanol	40.0	Medium spreading emollient, skin conditioning
	ISOFOL 12	1	Butyloctanol	10.0	Medium spreading emollient, skin conditioning
	PARAFOL 12 RSPO-MB	1	Dodecane	10.0	Fast spreading emollient, replacement for cyclomethicone, skin conditioning
	COSMACOL OE	1	Dicaprylyl Ether	5.00	Very light, good spreading emollient
	Tocopheryl acetate	90	Tocopheryl Acetate	1.00	Antioxidant
	Perfume „crystal water“	101	Parfum	0.50	Perfume

### Preparation:

1. Dissolve phase (A) under stirring at RT.

### Storage stability in terms of appearance:

Stable at room temperature, 8°C and 40°C for at least 3 months

### Appearance:

liquid, transparent

### \*Supplier:

- 1 Sasol Chemicals
- 32 Gustav Heess
- 90 Thermo Fisher Scientific
- 96 IOI Oleo
- 101 Davimed



## Rise and shine body lotion

No. 16511

For all skin types and overall skin well-being, welcome our rise and shine Lotion. Our cutting-edge formula, featuring a distinctive blend of emollients and high-performance natural oils, provides the nourishment your skin craves without disrupting your day. Ideal for on-the-go skincare, this soothing lotion addresses every skin type. Infused with moisturizing agents and utilizing CARINEX SL A as an emulsifier, it's your solution to a more comfortable and enriched skin experience. **Relax your skin!**



Phase	Trade Name	Supplier*	INCI name	Weight [%]	Function
A	Water		Aqua (EU) / Water (US)	Add 100	
	Preservative			q.s.	Preservative
	Glycerin	100	Glycerin	3.00	Humectant
	Amaze XT	59	Dehydroxanthan Gum	0.30	Viscosity controlling
	Solagum Tara	70	Caesalpinia Spinosa Gum	0.30	Viscosity controlling
	CARINEX SL A	1	Glycolipids	4.00	Ultra-mild biosurfactants, emulsifier, skin care
B	Jojoba oil	32	Simmondsia Chinensis (Jojoba) Seed Oil	4.00	Skin conditioning
	Grape seed oil	32	Vitis Vinifera (Grape) Seed Oil	1.00	Skin conditioning
	COSMACOL ELI	1	C12-13 Alkyl Lactate	2.00	Moisturizing Agent
	COSMACOL ECL	1	Tri-C14-15 Alkyl Citrate	2.00	skin smoothing emollient, mild-keratolytic properties
	NAFOL 1618 H RSPO-MB	1	Cetearyl Alcohol	4.00	Co-emulsifier, consistency regulator
	PARAFOL 12 RSPO-MB	1	Dodecane	1.00	Fast spreading emollient, replacement for cyclomethicone
C	Perfume Care	27	Parfum (EU) / Fragrance (US)	0.50 – 0.10	Perfume

### Preparation:

1. Heat phase (A) and (B) to 50°C and homogenize phase (A).
2. Add phase (B) to (A) under stirring to emulsify (12 m/s, 4 min).
3. Cool down to 40°C.
4. Add phase (C) and homogenize (8000 U / min)
5. Adjust pH, if necessary.

Viscosity (Haake, RheoStress 1, 1 s<sup>-1</sup>):  
~ 11000 mPas, 25°C

pH: 5.5 +/- 0.5

### Storage stability in terms of appearance:

Stable at room temperature, 8°C, 40°C and 50°C for at least 2 months

Appearance:  
opaque

### \*Supplier:

- 1 Sasol Chemicals
- 27 Givaudan
- 32 Gustav Hees
- 59 Azelis
- 70 Seppic
- 100 VWR International

## Fresh for the day deo stick

No. 16449

Unveiling our groundbreaking deo stick – Experience a delightfully non-sticky freshness that transcends traditional deodorants, lasting all day long. Infused with biomimetic performance boosters ISOCARB 12, and moisturizing elements COSMACOL ELI and PARAFOL 14, a superior alternative to isohexadecane. Step into a new era of freshness and sustainability. CARINEX SL A adds multifunctional benefits, serving as an emulsifier while enhancing the feel of your skin. **Revel in the sensation of enduring freshness!**



Phase	Trade Name	Supplier*	INCI name	Weight [%]	Function
A	Carnauba wax	32	Copernicia Cerifera Car-nauba) Wax	15.0	Skin conditioning
	NACOL 22-98	1	Behenyl Alcohol	20.5	Viscosity controlling
	Shea butter	32	Butyrospermum Parkii (Shea) Butter	25.0	Skin conditioning
	Sensidin DO	1	Propylene Glycol (and) Ethylhexylglycerin (and) Octenidine HCl	0.50	Antimicrobial
	ISOCARB 12	1	Butyloctanoic Acid	2.00	Medium spreading, pleasant and non-sticky emollient, biomimetic performance booster
	COSMACOL ELI	1	C12-13 Alkyl Lactate	2.00	Moisturizing emollient
B	PARAFOL 14 RSPO-MB	1	Tetradecane	10.00	Good spreading emollient, replacement for Isohexadecane
	ISOFOL 24	1	Decyltetradecanol	20.00	Emollient
	Perfume	27	Parfum / Fragrance	2.00	Perfume
	CARINEX SL A	1	Glycolipids	3.00	Ultra-mild biosurfactant, skin care, miscellaneous

### 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, 8°C and 40°C for at least 3 months

### Appearance:

light yellowish, solid

### \*Supplier:

- 1 Sasol Chemicals
- 27 Givaudan
- 32 Gustav Hees
- 84 Ashland



## Cover me up CC lotion

No. 15842

No time in the morning, yet that important job interview online is lurking around the corner? Save time using a CC lotion - cream, serum, make-up all wrapped in one neat package. Apply this mixture of COSMACOL EBL and EMI for extra moisture and pore minimization and you are good to go. **New job here I come!**

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	Thickening agent / hydrocolloid
	Glycerine		Glycerin	5.0	Moisturizing agent
B	CERALUTION H RSPO-MB	1	Behenyl Alcohol (and) Glyceryl Stearate (and) Glyceryl Stearate Citrate (and) Disodium Ethylene Dicapamate PEG-15 Disulfate	3.0	Emulsifier / reduces crow's feet wrinkles / moisturizer
	NAFOL 1618S RSPO-MB	1	Cetearyl Alcohol	1.0	Co-emulsifier / consistency regulator
	ISOVOL 20 RSPO-MB	1	Octyldodecanol	3.0	Medium spreading emollient, skin conditioning
	PARAFOL 12 RSPO-MB	1	Dodecane	5.0	Fast spreading emollient, replacement for cyclomethicone
	Cocoa butter	32	Theobroma Cacao Seed Butter	1.0	Skin conditioning
B1	COSMACOL EBL	1	C12-15 Alkyl Benzoate	5.0	Solubilizing agent
	COSMACOL EMI	1	Di-C12-13 Alkyl Malate	3.0	Wrinkle reduction, moisturizing emollient
	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	1.25	Colour agent
	Soft Tex Red C33-2199	58	CI 77491	0.2	Colour agent
	Soft Tex Brown C33-7715	58	CI 77491, CI 77492, CI 77499	0.3	Colour agent
C	Demin. water		Aqua	10.0	
	Panthenol (w = 0.75)	64	Panthenol	1.0	Active care agent
D	Preservative			q. s.	Preservative
	Perfume		Parfum (EU) / Fragrance (US)	q. s.	Perfume

### Preparation:

- Heat phase (A) and (B) separately to 70°C
- Homogenize phase (B1) and add (B1) to (B), homogenize
- Add phase (B/B1) to (A) and homogenize
- Cool to 35°C and add phase (C) to (AB) and homogenize
- Add phase (D) to (ABC) and homogenize
- Adjust the pH-value

### Viscosity (Haake, RheoStress 1, 1s<sup>-1</sup>):

~ 21,000 mPas, 25°C

### Storage stability in terms of appearance:

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

### Appearance:

viscous

### \*Supplier:

- 1 Sasol Chemicals
- 5 CP Kelco
- 32 Gustav Heess
- 58 Nordmann, Rassmann
- 64 DSM





## Cover me in velvet hand cream

No. 15661

Your hands are your most versatile assets. But who says, hand cream is only for hands? Why not use the product that works so well for your most versatile asset for one that does the hardest job each day, your feet? CERALUTION H functions as a highly efficient, flexible emulsifier whereas COSMACOL OE and ECL bring in that soft skin feel you like so much while repairing your hand (and feet). **Time for an upgrade!**

Phase	Trade name	Supplier*	INCI name	Weight [%]	Function
A	Demin. water		Aqua (EU) / Water (US)	Add to 100	
	Glycerine		Glycerin	4.0	Moisturizing agent
	Keltrol CG T	5	Xanthan Gum	0.3	Thickening agent, hydrocolloid
	Rapithix A 100	60	Sodium Polyacrylate	0.3	Thickening agent
B	CERALUTION H RSPO-MB	1	Behenyl Alcohol (and) Glyceryl Stearate (and) Glyceryl Stearate Citrate (and) Disodium Ethylene Dicoamide PEG-15 Disulfate	4.0	Emulsifier, reduces crow's feet wrinkles, moisturizer
	NAFOL 1618 H RSPO-MB	1	Cetearyl Alcohol	2.5	Co-emulsifier, consistency regulator
	COSMACOL EBL	1	C12-15 Alkyl Benzoate	3.0	Solubilizing emollient
	COSMACOL ECL	1	Tri-C14-15 Alkyl Citrate	2.0	Mild keratolytic, skin smoothing emollient
	COSMACOL OE	1	Dicaprylyl Ether	3.0	Very light, good spreading emollient
	ISOFOL 20 RSPO-MB	1	Octyldodecanol	3.0	Medium spreading emollient, skin conditioning
	Almond oil	32	Prunus Amygdalus Dulcis Oil	1.0	Skin conditioning
	Mango butter	32	Mangifera Indica Seed Butter	0.5	Skin conditioning
	Uvinul A Plus B	16	Ethylhexyl Methoxycinnamate (and) Diethylamino Hydroxybenzoyl Hexyl Benzoate	7.0	UVA/UVB-filter
	Tocopherol acetate	4	Tocopherol Acetate	0.5	Active care agent
C	Demin. water		Aqua	10.0	
	Ascorbic Acid		Ascorbic Acid		Active care agent
	Panthenol (w = 0.75)	4	Panthenol	1.0	Active care agent
D	Preservative			q.s.	
	NaOH (w = 0.2)		Sodium Hydroxide	q.s.	pH-adjustment (pH 5-6)
	Perfume „Fruity“	27	Parfum (EU) / Fragrance (US)	0.1	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, 1s<sup>-1</sup>):

~ 42.000 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
- 4 Alfa Aesar
- 5 CP Kelco
- 16 BASF
- 27 Givaudan
- 32 Gustav Heess
- 60 ISP

## Healthy feet anti sore rub stick

No. 16101

Blisters, wounds, dry patches - you name it. It all causes you to slow down. Time to let a combination of COSMACOL EMI and OE work their magic through gently soothing your wounds, bringing moisturization where needed and hence balancing your skin. **Hello healthy feet!**



Phase	Trade name	Supplier*	INCI name	Weight [%]	Function
A	NAFOL 1618 S RSPO-MB	1	Cetearyl Alcohol	22.0	Consistency regulator
	NACOL 18-98	1	Stearyl Alcohol	18.0	Consistency regulator
	ISOFOL 20 RSPO-MB	1	Octyldodecanol	24.0	Medium spreading emollient
B	COSMACOL OE	1	Dicaprylyl Ether	10.0	Very light, good spreading emollient
	COSMACOL EMI	1	Di-C12-13 Alkyl Malate	5.7	Wrinkle reduction, moisturizing emollient
	Sunflower oil	32	Helianthus Annuus (Sunflower) Seed Oil	15.0	Skin conditioning
	Almond oil	32	Prunus Amygdalus Dulcis Oil	5.0	Skin conditioning
	Tocopherol	4	Tocopherol	0.25	Antioxidant
	Perfume	27	Parfum (EU) / Fragrance (US)	q.s.	Perfume

### Preparation:

1. Heat phase (A) to 60°C
2. Add phase (B) to (A) and homogenize

### Storage stability in terms of appearance:

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

**Appearance:**  
solid

### \*Supplier:

- 1 Sasol Chemicals
- 4 Alfa Aesar
- 27 Givaudan
- 32 Gustav Heess

## Sunny days kids sunscreen (SPF 30)

No. 16001

Summer, beaches and ocean - protecting the sensitive skin of your child is key during this fun season. Often organic filters used in these types of sunscreens are prone to leave some white streaks on the skin and take long to absorb. Using a combination of our multifunctional ingredients, CERALUTION H RSPO-MB and COSMACOL OE, helps to overcome these side effects while increasing the UV-filter efficacy and making the sunscreen easier to spread. **Enjoy the summer!**



Phase	Trade name	Supplier*	INCI name	Weight [%]	Function
A	Demin. water		Aqua (EU) / Water (US)	Add to 100	
	Eusolex T-Avo	9	Titanium dioxide (and) Silica	13.75	UVA / UVB-filter
A1	Keltrol CG T	5	Xanthan Gum	0.3	Thickening agent / hydrocolloid
	Glycerine		Glycerin	3.0	Moisturizing agent
B	CERALUTION H RSPO-MB	1	Behenyl Alcohol (and) Glyceryl Stearate (and) Glyceryl Stearate Citrate (and) Disodium Ethylene Dicaprylate PEG-15 Disulfate	4.0	Emulsifier / reduces crow's feet wrinkles / moisturizer
	NAFOL 1618 H RSPO-MB	1	Cetearyl Alcohol	1.0	Co-emulsifier / consistency regulator
	COSMACOL ELI	1	C12-13 Alkyl Lactate	1.0	Moisturizing emollient, sebum regulating
	COSMACOL EMI	1	Di-C12-13 Alkyl Malate	2.0	Wrinkle reduction, moisturizing emollient
	COSMACOL OE	1	Dicaprylyl Ether	2.0	Very light, good spreading emollient
	ISOFL 20 RSPO-MB	1	Octyldodecanol	2.0	Medium spreading emollient, skin conditioning
B1	Oxyxex ST liquid	9	Diethylhexyl Syringylidenemalonate (and) Caprylic/ Capric Triglyceride	0.5	Stabilizer
	COSMACOL EBL	1	C12-15 Alkyl Benzoate	8.0	Solubilizing emollient
	Z-Cote HP1	16	Zinc Oxide (and) Dimethicone	10.0	UVA / UVB-filter
C	Tocopherol	4	Tocopherol	0.1	Antioxidant
	Allianz OPT	84	Acrylates/C12-22 Alkyl-methacrylate Copolymer	1.0	Film former provide water resistance for long-lasting sun formulas
D	Preservative			q. s.	Preservative
	Perfume "Orange"	27	Parfum (EU) / Fragrance (US)	q. s.	Perfume

### Preparation:

- Homogenize phase (A1)
- Add phase (A1) to (A) and homogenize
- Heat phase (A) and (B) separately to 70°C
- Homogenize phase (B1)
- Add phase (B1) to (B) and homogenize
- Add phase (B) to (A) and homogenize
- Cool to 35°C and add phase (C) and (D) and homogenize

**Viscosity (Haake, RheoStress 1, 1s<sup>-1</sup>):**  
~ 44,000 mPas, 25°C

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

**Appearance:**  
viscous

**Information:**  
SPF (ISO 24444): 31.0  
UVA-PF (ISO 24443): 10.2  
Star rating: \*\*\*  
UVA-PF/SPF [≥0.33]: 0.33  
Critical wavelength: 380 nm

### \*Supplier:

- Sasol Chemicals
- Alfa Aesar
- CP Kelco
- Merck KGaA
- BASF
- Givaudan
- Ashland





## Brighter days sunscreen spray (SPF 50+)

No. 15169

There is nothing more frustrating than the first rays of sunshine and last year's runny sunscreen spray. Using CERALUTION ES helps to prevent phase separations like that, being a great dispersant for UV-Filters while functioning as an emulsifier with outstanding skin feel. **Bring back the joy into those first bright days!**

Phase	Trade name	Supplier*	INCI name	Weight [%]	Function
A	Demin. water		Aqua (EU) / Water (US)	15.0	
	Glycerine		Glycerin	1.0	Moisturizing agent
B	Keltrol CG T	5	Xanthan Gum	0.2	Thickening agent / hydrocolloid
	CERALUTION ES RSPO-MB	1	Ceteareth-25 (and) Disodium Ethylene Dico-camide PEG-15 Disulfate	3.0	Emulsifier and dispersant
	COSMACOL EBL	1	C12-15 Alkyl Benzoate	5.0	Solubilizing emollient
	PARAFOL 14 RSPO-MB	1	Tetradecane	2.0	Good spreading emollient, replacement for Isohexadecane
	PARAFOL 22-95	1	Docosane	1.0	Replacement for Dimethicone
	Eusolex 9020	9	Butyl Methoxydibenzoyl-methane	5.0	UVA-filter
	Eusolex OCR	9	Octocrylene	7.5	UVB-filter
	Uvinul T 150	16	Ethylhexyl Triazone	2.0	UVB-filter
	Tinosorb S	16	Bis-Ethylhexylphenol Methoxyphenyl Triazine	7.5	UVA / UVB-filter
	Eusolex 2292	9	Ethylhexyl Methoxycinnamate	7.5	UVB-filter
	Lexfilm Sun	83	Polyester-7 (and) Neopentyl Glycol Diheptanoate	1.0	Film foamer, water resistance improver
C	Tocopherol	4	Tocopherol	q.s.	Antioxidant
D	Demin. water		Aqua (EU) / Water (US)	Add to 100	
	Demin. water with 4% Avicel PC 611	62	Microcrystalline Cellulose (and) Cellulose Gum	12.5	Thickening and stabilizing agent
E	Preservative			q.s.	Preservative
	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), (D) and (E) to (AB) and homogenize
4. Adjust the pH-value

### Spray pattern:

fine dispensed droplets

### Storage stability in terms of appearance:

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

### Appearance:

milky

### Information:

SPF (ISO 24444): 61.0  
UVA-PF (ISO 24443): 20.6  
Star rating: \*\*\*  
UVA-PF/SPF [ $>0.33$ ]: 0.34  
Critical wavelength: 372 nm

### \*Supplier:

- 1 Sasol Chemicals
- 4 Alfa Aesar
- 5 CP Kelco
- 9 Merck
- 16 BASF
- 62 FMC Corporation
- 83 INOLEX



## Shimmering look lip gloss

No. 16429

Transform your lip care routine with our exceptional lip gloss! Our products offer superb spreadability, ensuring a smooth application without any greasy residue. Enriched with a pigment wetting agent, they effortlessly enhance color vibrancy while maintaining a natural look. COSMACOL ELI and COSMACOL EBL act as pigment wetting agents and moisturizing emollients, while NACOL 22-98 serves as a skin conditioning and viscosity-controlling agent. **Get the ultimate glow!**

Phase	Trade Name	Supplier*	INCI name	Weight [%]	Function
A	Softigen pura	96	Olus Oil / Vegetable Oil	46.5	Skin conditioning, emollient
	COSMACOL ELI	1	C12-13 Alkyl Lactate	15.0	Pigment wetting agent, moisturizing emollient
	COSMACOL EBL	1	C12-15 Alkyl Benzoate	15.0	Pigment wetting agent, moisturizing emollient
	NACOL 22-98	1	Behenyl Alcohol	6.00	Skin conditioning, viscosity controlling
	Shea butter	32	Butyrospermum Parkii (Shea) Butter	6.00	Skin conditioning
	Argan oil	32	Argania Spinosa (Argan) Kernel Oil	2.00	Skin conditioning
	Mango butter	32	Mangifera Indica (Mango) Seed Butter	6.90	Skin conditioning
	Panthenol 98 %	90	Panthenol	0.10	Active care agent
	Tocopherol	90	Tocopherol	0.50	Antioxidant
	Perfume "Cherry & Cream"	21	Parfum (EU) / Fragrance (US)	0.50	Perfume
B	Colorona Bordeaux	9	Iron Oxides (CI 77491) (and) Mica	1.50	Pigment

### Preparation:

1. Melt phase (A) under stirring at 60°C.
2. Add phase (B) at 40°C under stirring and cool down.

### Storage stability in terms of appearance:

Stable at room temperature, 8°C and 40°C for at least 3 months

**Appearance:**  
semi-solid, red

### \*Supplier:

- 1 Sasol Chemicals
- 9 Merck
- 21 Cosnaderm Chemische Rohstoffe
- 32 Gustav Hees
- 90 Thermo Fisher Scientific
- 96 IOI Oleo

## Kiss me lipstick

No. 16480

Now is the perfect moment to elevate your lip care game and bid farewell to those worn-out or crumbling lipsticks. Explore our diverse range of multifunctional emollients, featuring top-notch options like the ISOFOL or COSMACOL series, for a delightful upgrade. **Be ready for a lip experience that's as vibrant and dynamic as you are!**



Phase	Trade Name	Supplier*	INCI name	Weight [%]	Function
A	Timiron SynWhite Satin	9	Synthetic Fluorphlogopite (and) Titanium Dioxide (CI 77891) (and) Tin Oxide	2.50	Pigment
	Timiron SynBeam Gold	9	Synthetic Fluorphlogopite (and) Titanium Dioxide (CI 77891) (and) Tin Oxide	3.20	Pigment
	Ronastar Flaming Lights	9	Synthetic Sapphire (and) Iron Oxides (CI 77491)	5.00	Pigment
	COSMACOL EMI	1	DI-C12-13 Alkyl Malate	15.0	Pigment wetting agent, multifunctional emollient
	COSMACOL EBL	1	C12-15 Alkyl Benzoate	15.5	Pigment wetting agent, multifunctional emollient
B	Kaolin	97	Kaolin	8.00	Absorbent, colorant, opacifying
	Candelilla wax	32	Euphorbia cerifera (Candelilla) wax	10.0	Skin conditioning
	Shea butter	32	Butyrospermum Parkii Shea (Butter)	8.00	Skin conditioning
	Tocopherol	90	Tocopherol	0.80	Antioxidant
	ISOFOL 20 RSPO-MB	1	Octyldodecanol	15.0	Medium spreading emollient, skin conditioning, pigment wetting
	Cacao butter	32	Theobroma Cacao Seed Butter	12.0	Skin conditioning
	Sun flower oil	32	Helianthus Annuus (Sunflower)	5.00	Emollient

### Preparation:

1. Solubilize phase (A) with Ultra Turrax at 9000 U/min for 2 min.
2. Melt phase (B) at 80°C under stirring.
3. Add phase (A) to (B) under stirring using an Ultra Turrax.
4. Cool down under stirring

### Storage stability in terms of appearance:

Stable at room temperature, 8°C and 40°C for at least 3 months

**Appearance:**  
semi-solid, red

### \*Supplier:

- 1 Sasol Chemicals
- 9 Merck
- 32 Gustav Hees
- 90 Thermo Fisher Scientific
- 97 Imerys



# CONTACT US

**Sasol Chemicals**

Personal Care, Health & Wellness



## Source reference

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