

Ingredients for beauty and health



About us

Sasol Chemicals innovates for a better world and delivers long-term value to its customers, communities and society.

The 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 Sasol Chemicals' technology, world-class facilities, expertise and collaborative approach to tackle their challenges.

Sasol Chemicals offers a wide range of tailor-made products for cosmetics and personal care as well as pharmaceutical industries. Apart from traditional raw materials – such as surfactants and fatty alcohols – Sasol's portfolio also includes innovative and high-performance materials to enhance the sensory profile of formulations and take the product texture to the next level.

Contents

	mollients	. =
	Esters	. 5
	Ethers	. 5
	Silicone replacements	6
	Oils	6
	Waxes	6
	Fatty alcohols	7
ס	olyethylene Glycols	10
5	urfactants	13
5	Nonionics	
5		13
5	Nonionics	13 17
	Nonionics	13 17

Legend





Hair Care





AP/Deo



3

Personal care solutions Emollients



Emollients Personal care solutions

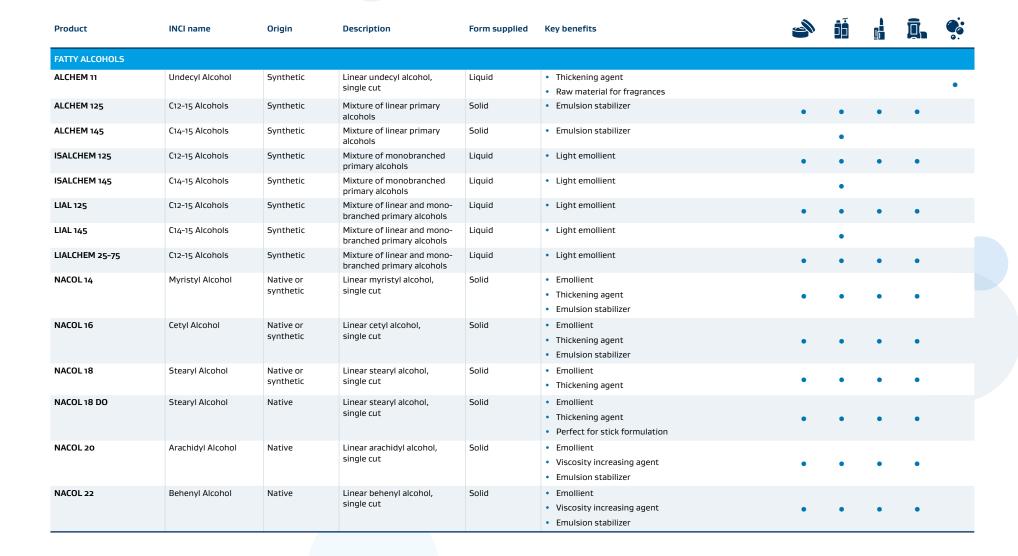
Emollients

Product	INCI name	Origin	Description	Form supplied	Key benefits				Ī.	
ESTERS										
COSMACOL EBL	C12-15 Alkyl Benzoate	Synthetic	Monobranched	Liquid	Excellent emollient with very light touchSolvent for sunscreen filters	•	•	•		•
COSMACOL ECI	Tri-C12-13 Alkyl Citrate	Synthetic	Monobranched	Liquid	 Emollient for O/W-creams and lotions Spreading agent for lipsticks and make-ups Excellent sunscreen carrier 	•		•		
COSMACOL ECL	Tri-C14-15 Alkyl Citrate	Synthetic	Linear	Flakes	Emollient for greasy skin, mild keratolytic properties Low melting point wax Good viscosity regulator for creams and lotions Spreading agent and stability improver for lipsticks and pencils	•		•		
COSMACOL ELI	C12-13 Alkyl Lactate	Synthetic	Monobranched	Liquid	Moisturizing emollient, mild keratolytic properties Body odour reducing agent Thickening agent and cocamide DEA replacer Pigment dispersing and wetting agent	•	•	•	•	
COSMACOL EMI	Di-C12-13 Alkyl Malate	Synthetic	Monobranched	Liquid	Outstanding skin feelMoisturizing agentSebum regulator	•	•	•		•
ETHERS										
COSMACOL OE	Dicaprylyl Ether	Synthetic	Linear	Liquid	 Very light and highly spreading emollient Solvent for actives Suitable for wide pH ranges Reduces tackiness 	•	•	•	•	
MARLOSOL ST 9150 P	PPG-15 Stearyl Ether	Native and synthetic	Stearyl alcohol polypropylene glycol ether	Liquid	Polar emollient	•	•	•		

Personal care solutions Emollients

Product	INCI name	Origin	Description	Form supplied	Key benefits			<u> </u>	Ī.	
SILICONE REPLACEMENTS										
PARAFOL 12	Dodecane	Native / RSPO-MB	Linear, single-cut	Liquid	Light and highly spreading emollientD5 replacement	•	•	•	•	
PARAFOL 14	Tetradecane	Native / RSPO-MB	Linear, single-cut	Liquid	Light and highly spreading emollient Isohexadecane replacement	•	•	•	•	
PARAFOL 16	Hexadecane	Native	Linear, single-cut	Liquid	Natural alternative for non-polar solvents, oils or waxes	•	•			
PARAFOL 18	Ocatdecane	Native	Linear, single-cut	Solid	Natural alternative for non-polar solvents, oils or waxes	•	•			
PARAFOL 22	Docosane	Native	Linear, single-cut	Solid	Wax with sharp melting profile Dimethicone replacement	•	•			
OILS										
IS0F0L 12	Butyloctanol	Synthetic	Branched	Liquid	Light and dry emollient Humectant and solvent	•	•	•	•	
ISOFOL 16	Hexyldecanol	Native (RSPO-MB) or synthetic	Branched	Liquid	Medium spreading emollientSuitable for a wide pH range solvent	•	•	•	•	
ISOFOL 18 E	Octyldecanol	Synthetic	Branched C18 alcohols	Liquid	Medium spreading emollientSuitable for a wide pH range solvent	•	•	•	•	
ISOFOL 18 T	Octyldecanol	Synthetic	Branched C18 alcohols	Liquid	 Medium spreading emollient Suitable for a wide pH range solvent	•	•	•	•	
ISOFOL 20	Octyldodecanol	Native (RSPO-MB) or synthetic	Branched	Liquid	 Medium spreading emollient Suitable for a wide pH range solvent Creates a silk-like skinfeel* 	•	•	•	•	
IS0F0L 24	Decyltetradecanol	Synthetic	Branched	Liquid	Low spreading rich emollientSuitable for a wide pH range	•	•	•	•	
ISOFOL 28	Dodecylhexadecanol	Synthetic	Branched	Solid	Rich and nourishing emollient Consistency regulator Suitable for a wide pH range	•	•	•	•	
ISOFOL 32	Tetradecyloctadecanol	Synthetic	Branched	Solid	Waxy emollientConsistency regulatorSuitable for a wide pH range	•	•	•	•	
WAXES										
TITANEL	Synthetic Wax	Synthetic	Hydrocarbon wax	Pastilles or powder	High melting point	•		•	•	•

Emollients Personal care solutions



Personal care solutions Emollients

Product	INCI name	Origin	Description	Form supplied	Key benefits			<u> </u>	Ī.	
NAFOL 1618	Cetearyl Alcohol	•	Mixture of cetyl and stearyl	Solid	Emollient					
			alcohol (70:30)		Viscosity increasing agent	•	•	•	•	
					Emulsion stabilizer					
NAFOL 1618 H	Cetearyl Alcohol	Native or	Mixture of cetyl and stearyl	Solid	Emollient					
		synthetic	alcohol (50:50)		Viscosity increasing agent	•	•	•	•	
					Emulsion stabilizer					
NAFOL 1618 S	Cetearyl Alcohol	Native or	Mixture of cetyl and stearyl	Solid	Emollient					
		synthetic	alcohol (30:70)		Viscosity increasing agent	•	•	•	•	
					Emulsion stabilizer					
NAFOL 1822	Behenyl Alcohol Native	Behenyl Alcohol Native	Mixture of stearyl, ara- chidyl and behenyl alcohol (45:10:45)	Solid	Emollient					
					Viscosity increasing agent	•	•	•	•	
		(43.10.43)	(43.10.43)		Emulsion stabilizer					
NAFOL 1822 B	Behenyl Alcohol	enyl Alcohol Native	Mixture of stearyl, arachidyl	Solid	Emollient					
			and behenyl alcohol (15:15:70)		Viscosity increasing agent	•	•	•	•	
					Emulsion stabilizer					
NAFOL 1822 C	Behenyl Alcohol	Native	Mixture of stearyl, arachidyl	Solid	Emollient					
			and behenyl alcohol (5:15:80)		Viscosity increasing agent	•	•	•	•	
					Emulsion stabilizer					
NAFOL 2022	C20-22 Alcohols		Mixture of arachidyl and	Solid	Viscosity increasing agent					
			behenyl alcohol (60:40)		Emulsion stabilizer					

Emollients Personal care solutions



Personal care solutions

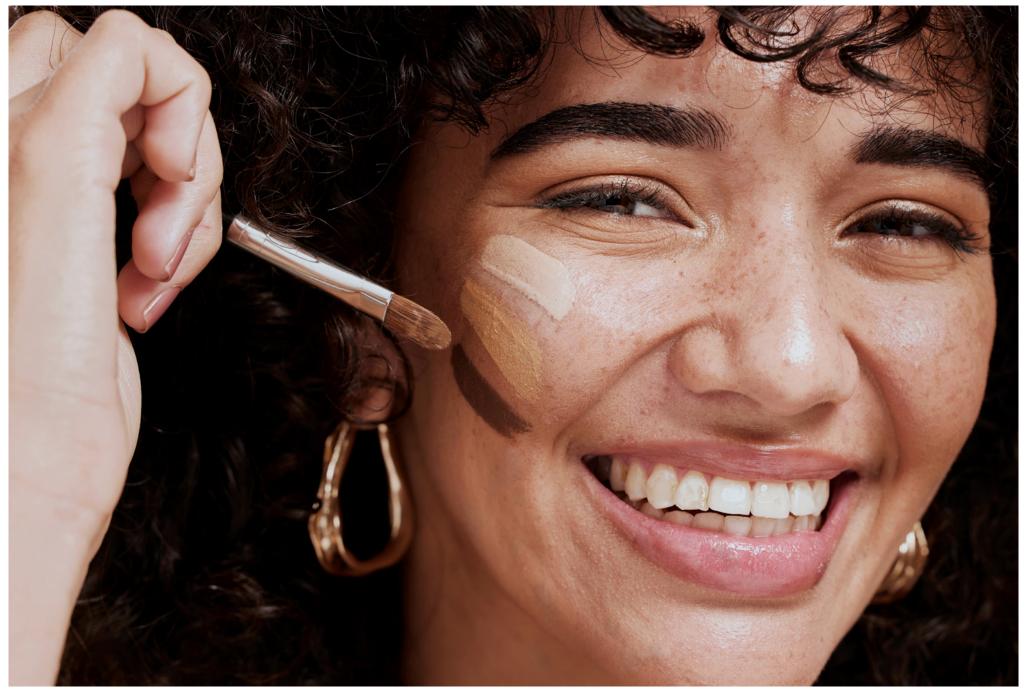
Polyethylene Glycols

Polyethylene Glycols

Product	INCI name	Origin	Description	Form supplied	Key benefits		Ì		Î,	
LIPOXOL 300 MED	PEG-6	Synthetic	Polyethylene glycol 300	Liquid	Moisturizing, solubilizing and viscosity adjusting agentCompliant with pharmacopoeia Ph. Eur. and USP/NF.	•	•	•		•
LIPOXOL 400 MED	PEG-8	Synthetic	Polyethylene glycol 400	Liquid	Moisturizing, solubilizing and viscosity adjusting agentCompliant with pharmacopoeia Ph. Eur. and USP/NF.	•	•	•	•	•
LIPOXOL 600 MED	PEG-12	Synthetic	Polyethylene glycol 600	Liquid	Moisturizing, solubilizing and viscosity adjusting agentCompliant with pharmacopoeia Ph. Eur. and USP/NF.	•	•			•
LIPOXOL 1000 MED	PEG-20	Synthetic	Polyethylene glycol 1000	Solid	Moisturizing, solubilizing and viscosity adjusting agentCompliant with pharmacopoeia Ph. Eur. and USP/NF.	•	•	•	•	•
LIPOXOL 1500 MED	PEG-32	Synthetic	Polyethylene glycol 1500	Flakes or solid	Moisturizing, solubilizing and viscosity adjusting agentCompliant with pharmacopoeia Ph. Eur. and USP/NF.	•	•	•		•
LIPOXOL 3000 MED	PEG-60	Synthetic	Polyethylene glycol 3000	Powder or flakes	Moisturizing, solubilizing and viscosity adjusting agentCompliant with pharmacopoeia Ph. Eur. and USP/NF.	•		•	•	•
LIPOXOL 3350 MED	PEG-75	Synthetic	Polyethylene glycol 3350	Powder or flakes	Moisturizing, solubilizing and viscosity adjusting agentCompliant with pharmacopoeia Ph. Eur. and USP/NF.	•	•	•		•
LIPOXOL 4000 MED	PEG-90	Synthetic	Polyethylene glycol 4000	Powder or flakes	Moisturizing, solubilizing and viscosity adjusting agentCompliant with pharmacopoeia Ph. Eur. and USP/NF.	•	•	•		•
LIPOXOL 6000 MED	PEG-150	Synthetic	Polyethylene glycol 6000	Powder or flakes	Moisturizing, solubilizing and viscosity adjusting agentCompliant with pharmacopoeia Ph. Eur. and USP/NF.	•	•	•		•
LIPOXOL 8000 MED	PEG-180	Synthetic	Polyethylene glycol 8000	Powder or flakes	Moisturizing, solubilizing and viscosity adjusting agent Compliant with pharmacopoeia Ph. Eur. and USP/NF.	•	•		•	•

Polyethylene Glycols

Personal care solutions

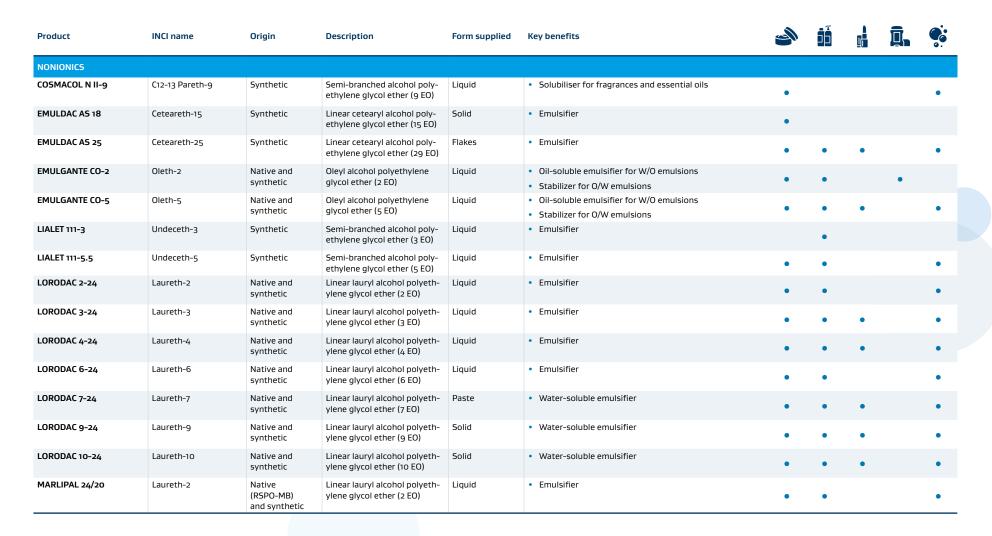


Personal care solutions Surfactants



Surfactants Personal care solutions

Surfactants



Personal care solutions
Surfactants

Product	INCI name	Origin	Description	Form supplied	Key benefits			<u>C</u>	
MARLIPAL 24/40	Laureth-4	Native (RSPO-MB) and synthetic	Linear lauryl alcohol polyeth- ylene glycol ether (4 EO)	Liquid	Emulsifier	•	•	•	•
MARLIPAL 24/60	Laureth-6	Native (RSPO-MB) and synthetic	Linear lauryl alcohol polyeth- ylene glycol ether (6 EO)	Liquid	Emulsifier	•	•		•
MARLIPAL 24/70	Laureth-7	Native (RSPO-MB) and synthetic	Linear lauryl alcohol polyeth- ylene glycol ether (7 EO)	Liquid	Water-soluble emulsifier	•	•	•	•
MARLIPAL 24/79	Laureth-7	Native (RSPO-MB) and synthetic	Linear lauryl alcohol polyeth- ylene glycol ether (7 EO), 90% active	Liquid	Water-soluble emulsifier	•	•	•	•
MARLIPAL 24/90	Laureth-9	Native (RSPO-MB) and synthetic	Linear lauryl alcohol polyeth- ylene glycol ether (9 EO)	Paste to solid	Water-soluble emulsifier	•	•	•	•
MARLIPAL 24/99	Laureth-9	Native (RSPO-MB) and synthetic	Linear lauryl alcohol polyeth- ylene glycol ether (9 EO), 90% active	Liquid	Water-soluble emulsifier	•	•	•	•
MARLIPAL 24/100	Laureth-10	Native (RSPO-MB) and synthetic	Linear lauryl alcohol polyeth- ylene glycol ether (10 EO)	Solid	Water-soluble emulsifier	•	•	•	•
MARLIPAL 013/30	Trideceth-3	Synthetic	Fully branched alcohol polyethylene glycol ether (3 EO)	Liquid	• Emulsifier	•	•	•	•
MARLIPAL 013/40	Trideceth-4	Synthetic	Fully branched alcohol polyethylene glycol ether (4 EO)	Liquid	• Emulsifier				•
MARLIPAL 013/50	Trideceth-5	Synthetic	Fully branched alcohol polyethylene glycol ether (5 EO)	Liquid	• Emulsifier		•		•
MARLIPAL 013/60	Trideceth-6	Synthetic	Fully branched alcohol polyethylene glycol ether (6 EO)	Liquid	Emulsifier	•	•	•	•
MARLIPAL 013/69	Trideceth-6	Synthetic	Fully branched alcohol polyethylene glycol ether (6 EO), 90% active	Liquid	Emulsifier	•	•	•	•
MARLIPAL 013/70	Trideceth-7	Synthetic	Fully branched alcohol polyethylene glycol ether (7 EO)	Liquid	• Emulsifier		•		•
MARLIPAL 013/79	Trideceth-7	Synthetic	Fully branched alcohol polyethylene glycol ether (7 EO), 90% active	Liquid	Emulsifier		•		•
MARLIPAL 013/80	Trideceth-8	Synthetic	Fully branched alcohol poly- ethylene glycol ether (8 EO)	Liquid	Water-soluble emulsifier		•		•

Surfactants Personal care solutions

Product	INCI name	Origin	Description	Form supplied	Key benefits				Ī,	
MARLIPAL 013/89	Trideceth-8	Synthetic	Fully branched alcohol polyethylene glycol ether (8 EO), 90% active	Liquid	Water-soluble emulsifier		•			•
MARLIPAL 013/90	Trideceth-9	Synthetic	Fully branched alcohol polyethylene glycol ether (9 EO)	Liquid	Water-soluble emulsifier	•	•	•		•
MARLIPAL 013/99	Trideceth-9	Synthetic	Fully branched alcohol polyethylene glycol ether (9 EO), 90% active	Liquid	Water-soluble emulsifier	•	•	•		•
MARLIPAL 013/100	Trideceth-10	Synthetic	Fully branched alcohol polyethylene glycol ether (10 EO)	Liquid	Water-soluble emulsifier	•	•	•		•
MARLIPAL 013/109	Trideceth-10	Synthetic	Fully branched alcohol polyethylene glycol ether (10 EO), 90% active	Liquid	Water-soluble emulsifier	•	•	•		•
MARLIPAL 013/120	Trideceth-12	Synthetic	Fully branched alcohol polyethylene glycol ether (12 EO)	Liquid to paste	Water-soluble emulsifier	•	•	•		•
MARLIPAL 013/129	Trideceth-12	Synthetic	Fully branched alcohol polyethylene glycol ether (12 EO), 90% active	Liquid	Water-soluble emulsifier	•	•	•		•
MARLOSOL PK 9040	Laureth-4	Synthetic	Linear lauryl alcohol polyeth- ylene glycol ether (4 EO)	Liquid	Emulsifier For water-free shower oils, mild odour	•	•	•		•
NOVEL 23 E 3	C12-13 Pareth-3	Synthetic	Semi-branched alcohol polyethylene glycol ether (3 EO)	Liquid	Emulsifier	•	•	•		•
SAFOL 23 E 3	C12-13 Pareth-3	Synthetic	Semi-branched alcohol polyethylene glycol ether (3 EO)	Liquid	• Emulsifier	•	•	•		•
SAFOL 23 E 3 K	C12-13 Pareth-3	Synthetic	Semi-branched alcohol polyethylene glycol ether (3 EO)	Liquid	Emulsifier, for water-free shower oils					•
TRIDAC ISO 3	Trideceth-3	Synthetic	Fully branched alcohol polyethylene glycol ether (3 EO)	Liquid	• Emulsifier	•	•	•		•
TRIDAC ISO 5	Trideceth-5	Synthetic	Fully branched alcohol polyethylene glycol ether (5 EO)	Liquid	Emulsifier		•			•
TRIDAC ISO 6	Trideceth-6	Synthetic	Fully branched alcohol polyethylene glycol ether (6 EO)	Liquid	• Emulsifier	•	•	•		•
TRIDAC ISO 8	Trideceth-8	Synthetic	Fully branched alcohol polyethylene glycol ether (8 EO)	Liquid	Water-soluble emulsifier		•			•
TRIDAC ISO 9	Trideceth-9	Synthetic	Fully branched alcohol polyethylene glycol ether (9 EO)	Liquid	Water-soluble emulsifier	•	•	•		•
TRIDAC ISO 12	Trideceth-12	Synthetic	Fully branched alcohol polyethylene glycol ether (12 EO)	Liquid	Water-soluble emulsifier	•	•	•		•

Personal care solutions Surfactants



Surfactants Personal care solutions



Personal care solutions Emulsifiers

Emulsifiers

Product	INCI name	Origin	Description	Form supplied	Key benefits			<u> </u>	Ī.	
CERALUTION CPE	Aqua (and) Caprylic/ Capric Triglyceride (and) Glycerin (and) Ceteareth-25 (and) Disodium Ethylene Dicocamide PEG-15 Disulfate (and) Citric Acid (and) Benzyl Alcohol (and) Ethyl- hexylglycerin (and) Tocopherol	Native and synthetic	Emulsion concentrate	Liquid	Self-emulsifying emulsion concentrate Highly flexible and efficient Compatible with all oil polarities High electrolyte tolerance	•	•	•		
CERALUTION ES	Ceteareth-25 (and) Disodium Ethylene Dicocamide PEG-15 Disulfate	Native and synthetic	O/W emulsifier	Solid	Emulsifier / Dispersant for O/W emulsion sprays	•	•	•		
CERALUTION H	Behenyl Alcohol (and) Glyceryl Stearate (and) Glyceryl Stearate Circurate (and) Disodium Ethylene Dicocamide PEG-15 Disulfate	Native and synthetic	O/W emulsifier; liquid crys- talline lamellar gel network emulsifier	Pastilles	 Highly efficient Flexible for all oil polarities from polar to unpolar to silcone oils High electrolyte tolerance High pH tolerance 4 to 10 Elegant silky skin feel Ensures high efficiency od UV fliters 	•	•	•		•
GALENOL 1618 AE	Cetearyl Alcohol (and) Ceteareth-20	Native, RSPO-MB	Nonionic self-emulsifying O/W base	Solid	Nonionic self-emulsifying O/W baseStable over a wide pH rangeHigh electrolyte tolerance	•	•	•		•
MARLOWET CG	PEG-18 Castor Oil Dioleate	Synthetic	Ester of ethoxylated castor oil	Liquid	Emulsifier for oils	•	•	•		
MARLOWET COE 329	PEG-7 Glyceryl Cocoate	Native and synthetic	Glyceryl cocoate polyethylene glycol ether	Liquid	Solubilizer for shampoos, shower gels and bath foam formulation Co-emulsifier for O/W-emulsions, creams and lotions	•	•	•		•
NONIDAC 1618 F	Cetearyl Alcohol (and) Ceteareth-25	Synthetic	Nonionic self-emulsifying O/W base	Solid	 Nonionic self-emulsifying O/W base Stable over a wide pH range High electrolyte tolerance 	•	•	•		•

Neutralizing agents

Personal care solutions

Neutralizing agents

Product	INCI name	Origin	Description	Form supplied	Key benefits			<u>r</u>		
MEA pure, cosmetic	Ethanolamine	Synthetic	Neutralizing agent	Liquid	Neutralizing agent	•	•	•	•	•
MIPA pure, cosmetic	Monoisopropanol- amine	Synthetic	Neutralizing agent	Liquid	Neutralizing agent	•	•	•	•	•
TEA pure, cosmetic	Triethanolamine	Synthetic	Neutralizing agent	Liquid	Neutralizing agent	•	•	•	•	•
TIPA pure, cosmetic	Triisopropanolamine	Synthetic	Neutralizing agent	Solid	Neutralizing agent	•	•	•	•	•

ersonal care ingredients — Solutions for beauty and health 02/23

At your service



Sasol Chemicals

Essential Care Chemicals Personal Care, Health & Wellness
Anckelmannsplatz 1
20537 Hamburg, Germany

Telephone +49 40 63684 1000 cosmetics@de.sasol.com

Source reference

Cover: Adobe Stock/peopleimages.com; p. 4: Adobe Stock/FotoHelin; p.9: Adobe Stock/insta_photos; p.11: Adobe Stock/J Maas/peopleimages.com; p.12: Adobe Stock/Andrei; p.16: Adobe Stock/puhhha

Sasol is a registered trademark of Sasol Ltd. Product trademarks displayed in this document are the property of the Sasol Group of companies, except where it is clear from the context that not. Users of this document are not permitted to use these trademarks without the prior written consent of their proprietor. All rights not expressly granted are reserved. Reference to trademarks used by other companies is neither a recommendation, nor should it give the impression that products of other companies cannot be used.

Disclaimer: The information contained in this document is based on Sasol's knowledge and experience at the time of its creation. We reserve the right to make any changes to this document or the products described therein, as a result of technological progress or developments. This information implies no liability or other legal responsibility on our part, including with regard to existing third-party patent rights. In particular, no guarantee or warranty of properties in the legal sense is implied. The customer is not exempted from the obligation to conduct careful inspection and testing of incoming products. All our business transactions are governed exclusively by our General Business Terms.

www.sasol.com