



**SOLVAY**

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*The Essence Within*



# Home & Personal Care Reference Guide

Asia Pacific  
Version

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## Home Care

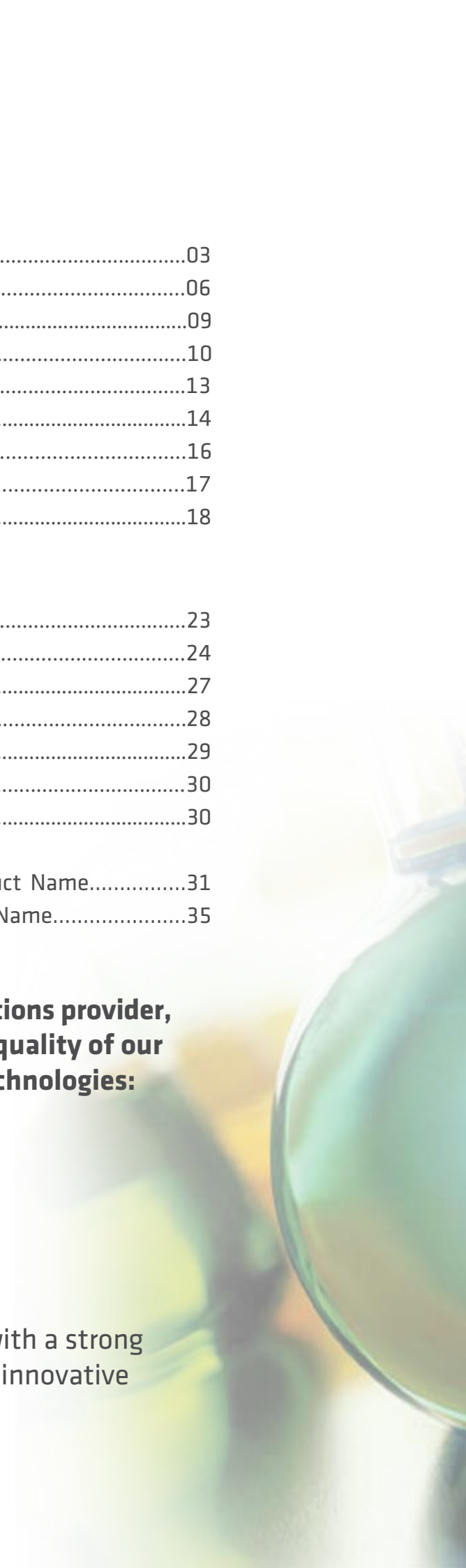
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**With an ambition to be a world class solutions provider, Solvay Novecare is differentiated by the quality of our services and products in the following technologies:**

- Surfactants
- Natural Polymers
- Synthetic Polymers
- Specialty Monomers
- Phosphorous Specialties & Derivatives

We provide customers around the world with a strong support network and help them to design innovative consumer solutions.



# Personal Care



Alkyl Sulfates						
Product Name	Zone of Production	INCI Name	Physical Form	Solid%/ (Active %)	Properties & Applications	Preservatives
Rhodapon® AL Series	AP, USA	Ammonium Lauryl Sulfate	Liquid	(28-30)	Low active aqueous solution of ALS from natural fatty alcohol. Different products are available to meet the variety of formulators requirements.	Various
Rhodapon® ALSA/K	USA	Ammonium Lauryl Sulfate	Liquid	(27.5-28.5)	Ammonium Lauryl Sulfate is a primary surfactant providing excellent foaming and cleansing in personal care products, and offers improved solubility and mildness over Sodium Lauryl Sulfate. Rhodapon® ALSA/K is derived from natural fatty alcohol.	MIT CIT
Rhodapon® ALS-70/WX	AP	Ammonium Lauryl Sulfate	Liquid	(70)	A high active solution of ALS from high quality natural fatty alcohol.	Free
Rhodapon® L Series	AP, USA	Sodium Lauryl Sulfate	Liquid	(28-30)	Low active aqueous solution of SLS from natural fatty alcohol. Different products are available to meet the variety of formulation needs. For instance, low cloud point, enhanced low temperature clarity, low salt content.	Various
Rhodapon® SB-8208/ S STD	USA	Sodium Lauryl Sulfate	Liquid	(28-30)	A formaldehyde-donor free preserved SLS to formulate globally approved cosmetic cleansers.	MIT CIT
Rhodapon® LS 94 RP	AP	Sodium Lauryl Sulfate	Powder	(94)	Solid forms of SLS to optimize transportation costs. These products are free-flowing and easily dispersed in water.	Free
Rhodapon® LS 92 RN	AP	Sodium Lauryl Sulfate	Needles	(92)		
Rhodapon® TL-40/A	USA	Triethanolamine Lauryl Sulfate	Liquid	(30)	Milder version of Lauryl Sulfate than SLS and ALS, it is used for its high foaming properties. It presents enhanced compatibility with fragrances and electrolytes.	Formaldehyde
Mackol® CAS-100N	AP	Sodium Coco Sulfate	Needles	(min. 90)	Derived from natural coconut oil, it is an alternative to SLS. Easily dispersed in water, it provides excellent lathering and thickening of formulations. Some conditioning properties are also noted. Available in a liquid form as Mackol CAS-36L, mixed with Cocamidopropyl Betaine.	Free

Alkyl Ether Sulfate						
Product Name	Zone of Production	INCI Name	Physical Form	Solid%/ (Active %)	Properties & Applications	Preservatives
Rhodapex® EA Series	AP, USA	Ammonium Laureth Sulfate	Liquid	(28 and 70)	Rhodia is a global leading manufacturer of ether sulfates, operating different processes. 1-, 2-, and 3-EO grades of Laureth Sulfate are available at low or high actives, in low salt and/or low free-oil versions. Also available are ultra low-dioxane products and different preservative systems.	Various
Rhodapex® ES Series	AP, USA	Sodium Laureth Sulfate				
Rhodapex® EAC 70/MX	AP	Ammonium Laureth Sulfate	Paste-like fluid	(67-71)	Primary cleansing and foaming agent used in personal care cleansers. This is a 3-EO grade.	MIT CIT
Rhodapex® ESB-70/FEA	USA	Sodium Laureth Sulfate	Paste-like fluid	(69-71)	An ultra low 1,4 dioxane content with a specification of 7ppm max.	Free
Rhodapex® ESB-70/NAT	AP	Sodium Laureth Sulfate	Paste-like fluid	(68-72)	This grade is 100% renewable carbon and 86% of vegetable origin. Ethylene oxide is derived from Sugar Cane.  Primary cleansing and foaming agent used in personal care cleansers. Rhodapex ESA-70/MU is 1-EO grade. Rhodapex N70K, ESB 70 series are 2-EO grades while Rhodapex 3N70, ESC 70 series are 3-EO grades.	Free
Rhodapex® ESA-70/MU	AP			(68-71)		Free
Rhodapex® N70K	AP			(68-70)		Free
Rhodapex® ESB-70/MU	AP			(69-71)		Free
Rhodapex® ESB-70/MX	AP			(66.5-69.5)		MIT CIT
Rhodapex® ESC-70/MU	AP			(68.5-71.5)		Free
Rhodapex® 3N70	AP			(69-71)		Free
Rhodapex® EST-30/SBL	USA			Sodium Trideceth Sulfate		Liquid



Sulfosuccinates						
Product Name	Zone of Production	INCI Name	Physical Form	Solid%/ (Active %)	Properties & Applications	Preservatives
Mackanate® LO-K	USA, AP	Disodium Lauryl Sulfosuccinate	Paste	40	High foaming mild detergents for use in skin cleansers and bar soaps. Produce a very tight, dense foam and leaves skin with a pleasant after feel. At high levels of incorporation, lather can exhibit the consistency of a shaving cream.	MIT CIT
Mackanate® LO	AP, USA, EU		Paste	38-42		DMDM Hydantoin, Methyl Paraben
Mackanate® LO-100	EU, USA	Disodium Lauryl Sulfosuccinate	Powder	96-100	Mackanate® LO-100 is a spray dried, high foaming, mild sulfosuccinate surfactant with good detergency. It is suggested for powdered products where mildness is important, such as bubble baths and syndet bars.	Free (EU) DMDM Hydantoin (US)
Mackanate® EL Series	EU, USA, AP	Disodium Laureth Sulfosuccinate	Clear Liquid	38-40	Very mild to the skin, these high foaming surfactants are ideal for use in bubble baths and skin cleansers. Typically formulated with SLES to yield formulations with dramatically reduced irritation potential.	DMDM Hydantoin
Geropon® SBFA-30	USA					
Mackanate® ELBA	EU					
Mackanate® Ultra SI	USA, EU	Disodium PEG-12 Dimethicone Sulfosuccinate	Liquid	39-51	Exceptionally mild and ideal for personal cleansers with extremely low eye and skin irritation potential, this unique silicone functional sulfosuccinate has very low colour and odour. Interestingly, its Ultra Mild property proves to be applicable in "no rinse" and limited rinse end products.	Free
Mackanate® CP	USA, EU	Disodium Cocamido MIPA Sulfosuccinate	Liquid	40	Mild & high-foaming sulfosuccinate derived from coconut oil. It is recommended for reducing the irritancy of common anionics such as laureth and lauryl sulfates. Mackanate CP is 1,4-dioxane free and moderately responsive to common salt thickening making it ideal for sulfate free and natural formulations.	Methyl Paraben
Mackanate® OPSV	USA, EU	Disodium Oleamido MIPA Sulfosuccinate	Liquid	37-42	High foaming and excellent viscosity building properties for mild formulations. Exceptionally mild anionic surfactants, they are generally formulated with SLES in shampoos and skin cleansers to significantly reduce both skin and eye irritation potential.	DMDM Hydantoin
Mackanate® OPVN	USA					MIT
Mackanate® OM	USA	Disodium Oleamido MEA Sulfosuccinate	Liquid	34-36	Mild & high-foaming sulfosuccinate that is used in personal care applications. When Mackante OM is formulated with Alkyl Ether Sulfates, high foaming shampoos and skin care cleansers are produced with significantly reduced irritation potential to both skin and eyes.	DMDM Hydantoin
Mackanate® WGD	USA	Disodium Wheatgermamido PEG-2 Sulfosuccinate	Liquid	35	Gentle cleanser with excellent viscosity response and mild conditioning properties.	Diazolidinyl Urea
Mackanate® RM	USA	Disodium Ricioleamido MEA Sulfosuccinate	Liquid	40	Pronounced skin conditioning effects, it is suitable for baby washes, hand and skin cleansers with pleasant after-feel. It is also used in low viscosity formulations such as foam pump, wipes, demake-up.	Water/glycol based blend of MI and decylene glycol

Olefin Sulfonate						
Product Name	Zone of Production	INCI Name	Physical Form	Solid%/ (Active %)	Properties & Applications	Preservatives
Rhodacal® A-246 Series	USA	Sodium C14-16 Olefin Sulfonate	Liquid	(38-40)	A high foaming cleansing surfactant broadly used for high performance in low active formulations such as liquid hand soap, bubble baths. It is formulated in skin cleansers featuring alpha- and beta- hydroxy acids, in combination with hydroxysultaine amphoteric when acidic stability is required. It is milder than SLS. Rhodacal A-246 presents a 50/50 ratio of C14 to C16. Rhodacal LSS presents a 70/30 ratio of C14 to C16. Rhodacal LSS-M has a higher C14 level than LSS.	Formaldehyde or CIT, MIT
Rhodacal® LSS-40/A	USA	Sodium C14-16 Olefin Sulfonate	Liquid	(38-40)		Benzoic acid
Rhodacal® LSS-40M/RL	AP	Sodium C14 Olefin Sulfonate	Liquid	(37-39)		Formaldehyde
Rhodacal® LSS-40/RL	AP	Sodium C14-16 Olefin Sulfonate	Liquid	(37-39)		Formaldehyde
Rhodacal LSS-70M/RL	AP	Sodium C14 Olefin Sulfonate	Liquid	(70)		Free
Rhodacal® LSS 80M/RP	AP	Sodium C14 Olefin Sulfonate	Powder	(80)		Free
Rhodacal® LSS 90M/RN	AP	Sodium C14 Olefin Sulfonate	Needle	(>90)		Free
Rhodacal® LSS 90/RN	AP	Sodium C14-16 Olefin Sulfonate	Needle	(>90)		Free
Rhodacal® LSS 92M/RP	AP	Sodium C14 Olefin Sulfonate	Powder	(>92)		Free
Rhodacal® LSS 92/RP	AP	Sodium C14-16 Olefin Sulfonate	Powder	(>92)		Free

Taurates						
Product Name	Zone of Production	INCI Name	Physical Form	Solid%/ (Active %)	Properties & Applications	Preservatives
Geroxon® TC-42/LQ	USA	Sodium Methyl Cocoyl Taurate	Liquid	33-36	Mild cleanser, it develops a creamy lather during application. It provides a “clean-rinse” sensory profile upon rinsing, imparting a soft and clean after-feel. Ideal for facial washes, men shower gels and sulfate-free shampoos.	Various
Geroxon® T-77	USA	Sodium Methyl Oleyl Taurate	Powder	(67-76)	Produces a dense and creamy lather in liquid skin cleanser, it has a good viscosity response in mild formulations. It can also be used in dry/solid products such as syndet bars.	Free

Ether Phosphates						
Product Name	Zone of Production	INCI Name	Physical Form	Solid%/ (Active %)	Properties & Applications	Preservatives
Dermalcare® MAP L-210	AP	Laureth-1 Phosphate	Liquid	100	High purity monoalkyl phosphate based on a patented process. Extremely mild to the skin, it can be used standalone or in association with amphoteric Miranol surfactants. They provide cushiony lather to body washes, while imparting an “easy-rinse” profile, leaving the skin soft and pleasant.	Free
Dermalcare® MAP L-130	USA	Laureth-3 Phosphate	Liquid	100		Free
Dermalcare® MAPL-213/S	USA	Sodium Laureth-1 Phosphate	Liquid	24-26	Pre-neutralized version of Dermalcare MAP L-210.	Free
Dermalcare® MAPL-213/K	AP	Potassium Laureth-1 Phosphate	Liquid	34-36		Free

Carboxylates						
Product Name	Zone of Production	INCI Name	Physical Form	Solid%/ (Active %)	Properties & Applications	Preservatives
Miranate® LEC-80	USA	Sodium Laureth-13 Carboxylate	Liquid	80	Mild and compatible with cationics. Broadly used in baby washes to mitigate eye irritation potential.	Free

Alkyl Amido Betaines						
Product Name	Zone of Production	INCI Name	Physical Form	Solid%/ (Active %)	Properties & Applications	Preservatives
Mirataine® BET C-30	AP, USA, EU	Cocamidopropyl Betaine	Clear Liquid	35-37 (28-30)	Synthesized from whole coconut oil. Mackam 35 and CAB-818 are preservative-free.	Various / Free
Mackam® 35	USA					Free
Mackam® 35UL	USA, EU					DMDM Hydantoin
Mackam® CAB-818, CAB 818U	EU		Clear Pale Yellow Liquid	35-37.5 (28-32)	Very light colored, yet economic grade of cocamidopropyl betaine. Based on a fully hydrogenated fatty source it has no unsaturation and its color and odor are minimized. Excellent viscosity building and foam boosting. Mackam CAB-818 is listed on Ecocert.	Free
Mackam® CAB 818B	EU		Clear Pale Yellow Liquid	34-36 (28-32)		Sodium Benzoate
Mackam® C 37, C 37 HP	AP, USA		Clear Pale Yellow Liquid	35-39.5 (28-32)	High purity grade of cocamidopropyl betaine with a "stripped" alkyl distribution. This product offers an exceptionally low and stable color as well as low residual odor; when compared to Mackam 35 and other standard grades of cocamidopropyl betaine.	Free
Mirataine® Bet C-37	USA		Clear Liquid	43-45 (35.7-38)	High active coconut oil derived cocamidopropyl betaine. It is approximately 23% higher in activity compared to typical CAPB. The reduced water content allows the formulator greater freedom to formulate higher active systems. MIRATAINE® BET C-37 is compatible with all classes of surfactant. It has excellent pH stability and foam boosting.	MIT CIT
Mackam® 50UL	USA		Clear Liquid	45 (37)	High active grade from coconut oil with different chelating agent.	Free
Mackam® 50ULT	EU					
Mackam® 35 HP Mirataine® with glycerin, CB	USA		Clear Liquid	35 (30)	High performance glycerine free grade that provide better foaming and color stability than standard coconut oil Cocamidopropyl Betaine. DH-13 is a extremely low odour and colour version of 35HP. Mackam 35HP is preservative-free.	Various
Mackam® DH-13KS	EU		Clear Liquid	34-36 (28-30)		DMDM Hydantoin
Mackam® DH-13T	USA					
Mackam® J	USA		Clear Liquid	35-36 (30)	Synthesized from "stripped" coconut acid; JF is a extremely low odor and color version of J.	DMDM Hydantoin
Mackam® JF, JFS	EU					
Mackam® JFF	EU		Clear Pale Yellow Liquid	35-38 (29-31)	Glycerine free Cocamidopropyl Betaine that stable over a wide pH range. Compatible with anionic, nonionic and cationic surfactants, exhibits high foaming even in high electrolyte solutions.	Sodium Benzoate
Fentacare CAPB 37	AP			(37)	A high purity & high active betaine.	Sodium Benzoate
Mirataine® CABB UL	AP	Liquid	(30)	A mild amphoteric surfactant derived from whole coconut oil for use in personal care products. Effective foam booster and viscosity builder.		
Fentacare CAPB UL	AP			(30)		
Mackam® DAB	USA, EU	Lauramidopropyl Betaine	Clear Liquid	34-36 (29-31)	A high performance amphoteric surfactant based on pure vegetable lauric acid. It displays superior viscosity building properties over standard Lauramidopropyl Betaine.	Free
Mackam® DAB-ULS	USA		Clear Liquid	34-36 (29-31)	An "ultra low salt" version with similar solids and higher actives over standard Lauramidopropyl Betaine.	Free
Mackam® LMB, LMB-K	USA, EU		Clear Liquid	34-36 (33-35)	70% C12 and 30% C14 grade of Lauramidopropyl Betaine	Free
Mirataine® BET L30W	AP		Liquid	(30)	When formulated with anionic surfactant, this grade shows a marked increase in viscosity along with increased flash foam. Mirataine BET L30 AP has purer cut of C12.	Free
Mirataine® BET L30 AP	AP					
Mirataine® BET O-30	USA	Oleamidopropyl Betaine	Clear Liquid	33-36 (28.5-32)	Specially developed to impart unique conditioning benefits to the hair and skin. MIRATAINE® BET O-30 is typically used as a secondary surfactant in anionic based formulations. It provides a soft feel to the hair and skin. Not a particularly high foaming surfactant by itself, in formulated systems MIRATAINE® BET O-30 contributes a rich, creamy lather.	Free
Mackam® BAB	USA	Babassuamido propyl Betaine	Liquid	35 (30)	Synthesized from "Organic" Brazilian Babassu oil, it boosts foam properties and viscosity.	Benzoic acid
Mackam® BAB E	EU					
Mackam® WGB	USA	Wheatgermamido propyl Betaine	Liquid	35 (31)	Mild, naturally-derived foam stabilizers for hair and skin cleansing	DMDM Hydantoin
Mackam® SFB-E, SFB	USA, EU	Coco/Sunflower amidopropyl Betaine	Liquid	34 (30)		Benzoic acid

Alkyl Betaines						
Product Name	Zone of Production	INCI Name	Physical Form	Solid%/ (Active %)	Properties & Applications	Preservatives
Mackam® CB-35	USA, EU	Coco Betaine	Clear Liquid	34-35 (28-34)	Mackam CB-35ULS-HP is a special grade of coco-betaine in which the majority of the by-product sodium chloride has been removed leaving less than 0.5%. This property makes Mackam CB-35ULS-HP particularly useful in systems where low salt or electrolyte is desired. It is very stable in both acid and alkaline pH systems. Mirataine BB/FLA is listed on Ecocert.	Free
Mirataine® BB/FLA	AP, EU					
Mackam® CB-35 ULS-HP	USA					
Mackam® LAB	EU	Lauryl Betaine	Clear Liquid	36-38 (29-31)	This alkyl betaine performs well even when formulated at extreme pH levels; low odor, hydrolytically stable version	Free
Mackam® LB-35	USA		Liquid	33-36 (27-30)		
Fentacare BS 12	AP		Liquid	(30)		
Fentacare BS1214 30	AP	Lauryl/Myristyl betaine	Liquid	(30)	A high foaming betaine surfactant that demonstrates excellent stability over broad pH ranges. Typically used as a secondard surfactant in anionic based systems, it improves overall foam quality and helps improve formulation mildness.	Free
Mackam® CET	USA	Cetyl Betaine	Flowable gel	34.2-35.2 (28-30)	Long chain alkyl betaine with good viscosity building properties. Substantive to hair and skin, it imparts anti-static properties.	Free

Sultaine						
Product Name	Zone of Production	INCI Name	Physical Form	Solid%/ (Active %)	Properties & Applications	Preservatives
Mackam® CBS-50G	USA, EU	Cocamidopropyl Hydroxysultaine	Clear Liquid	48-52 (38-42)	CBS-50G is standard grade sultaine.	Free
Mackam® CBS-50GE	EU					
Mirataine® CBS	USA, EU	Cocamidopropyl Hydroxysultaine	Clear Liquid	48-52 (40-42)	Glycerin-free grades that work well for quality mild shampoos, high-foaming bath products and liquid soaps. Produced from a high grade of purified, hydrogenated coco fatty acid, this grade has a particularly low color and odor and enhanced viscosity building properties.	Free
Mackam® 50-SB	AP, USA, EU	Cocamidopropyl Hydroxysultaine	Clear Liquid	49-51 (40-42)		Free
Mackam® LSB-50	USA, EU	Lauramidopropyl Hydroxysultaine	Clear Liquid	47-49 (40-42)	Enhanced foam properties, better flash foam and viscosity building than similar betaines.	Free
Mackam® LHS-E	EU	Lauryl Hydroxysultaine	Clear Liquid	49-51 (40-42)	Unlike similar amidofunctional sultaines, this alkyl sultaine is very stable in both acid and alkali; hydrolytically stable and soluble in strong electrolyte media, not subject to hydrolysis making it suitable for AHA cleansers and ethnic hair care products.	Free
Mackam® LHS	USA					
Mackam® DR-169	USA	Cocamidopropyl Hydroxysultaine (and) PEG -150 Distearate	Clear Liquid	49-52 (40.7-44.6)	High foaming viscosity enhancing system that is compatible with anionic, nonionic, amphoteric and cationic surfactants. Mackam® DR-169 exhibits high foaming and better viscosity control than regular Cocamidopropyl Hydroxysultaines by incorporating 6% PEG-150 Distearate. It is designed to give foam and viscosity response similiar to alkanolamides in personal care formulations. Mackam® DR-169 makes it easy to thicken products at ambient temperatures and is especially recommended for thickening sulfate free cleansers.	DMDM Hydantoin

Amphosulfonate						
Product Name	Zone of Production	INCI Name	Physical Form	Solid%/ (Active %)	Properties & Applications	Preservatives
Mackam® LS	USA	Sodium Lauro amphosulfonate	Clear Liquid	40-42 (32-34)	A unique vegetable derived surfactant with a pure lauric backbone. A fusion of amphoteric and sultaine chemistry, it provides high foam with excellent foam stability and also displays good surface active properties.	Free



Amphoacetate						
Product Name	Zone of Production	INCI Name	Physical Form	Solid%/ (Active %)	Properties & Applications	Preservatives
Mackam® 2C	USA, EU	Disodium Coco amphodiacetate	Liquid	49-51 (36-41)	The mildest of amphoteric surfactants, used in baby shampoos and hospital cleansers. Low viscosity grades such as Mackam 2C and 2C-75 are particularly easy to handle. Miranol C2M Conc NP is listed on Ecocert.	Free
Miranol® C2M Conc NP	AP, EU			38-41 (28-31)		
Mackam® 2C-75	USA, EU					
Miranol® H2M Conc Mackam® 2L	USA	Disodium Coco amphodiacetate	Liquid	49-51 (36-41)	Derived from lauric acid. Enhanced foam and viscosity building properties.	Free
Miranol® BM Conc	USA			37-39 (>29.5)		
Miranol® Ultra C37	USA	Sodium Coco amphoacetate	Clear Liquid	40-45 (32-37)	Ultra pure grade of amphoteric exhibiting synergy with cationic guar to enhance deposition on keratinous surfaces, and exceptional foam quality compared to other amphoteric. Miranol Ultra is a Rhodia patented technology. Miranol Ultra C-32 is listed on Ecocert.	Free
Miranol® Ultra C32	AP, EU			38 (32)		Free
Mackam® 1C	USA			43-46 (35-40)		Free
Mackam® HPC-32	USA, EU			38-40 (30-32)		Free
Mackam® HPC 32L	USA					
Miranol® Ultra L32	AP, USA, EU	Sodium Lauro amphoacetate	Clear Liquid	38 (32)	Compared to Sodium Cocoamphoacetate, it displays enhanced foam stability on presence of oils, and efficient viscosity building in “sulfate-free”, “PEG-free”, “amide-free” formulations. Miranol Ultra L-32 is listed on Ecocert.	Free
Mackam® 1L	USA			36-44 (28-36)		Free
Miranol® HMA	USA			36.5-39 (30-33)		
Mackam® HPL-28	USA, EU			35-37		
Miranol® HMD	EU			33-36 (25-28)	Lower solids and lower viscosity grade that is particularly easy to handle and formulate with.	Free
Mackam® 1CB	USA	Sodium Cocoabutter amphoacetate	Opaque Liquid	36 (30)	Extremely mild amphoteric made from natural cocoa butter. Conditioning agent for both hair and skin. Leaves a smooth silky feel to the hair and skin.	Free
Mackam® 1CB-E	EU			38-42 (25.5-32)		
Mackam® 2S	USA	Disodium Soy amphodiacetate	Clear Liquid	35-39 (25-28)	Very mild, conditioning amphoteric surfactant that has the potential to reduce the overall irritation of most anionic based cleansing products into which it is formulated. Based on natural C-18 triglycerides, these higher molecular weight chains make it even more mild to both skin and eyes than C-12 derived amphoteric. Mackam 2S is compatible with most anionic, non-ionic, and cationic systems, and is also better at building viscosity than Disodium Cocoamphodiacetate. It is non-toxic and biodegradable.	Free
Mackam® 2W	USA	Disodium Wheatgerm amphodiacetate	Clear Liquid	34-36 (34-36)		Free
Mackam® 2CY-75	USA	Disodium Capryloyl amphodiacetate	Liquid	34-36 (25-26)	Low foamer and good surface wetting properties with low irritation potential, it is ideal for wet wipes formulations.	Free

Ampho Propionate						
Product Name	Zone of Production	INCI Name	Physical Form	Solid%/ (Active %)	Properties & Applications	Preservatives
Miranol® C2M Conc SF	USA	Disodium Cocoampho dipropionate	Clear Liquid	38-40 (38-40)	Salt-free and mild, it displays hydrotropic properties and is used to couple conditioning agents into shampoos and body washes. This high foaming surfactant makes it an ideal choice when formulating mild shampoos and cleansers such as neutralizing shampoos and other specialized formulations.	Free
Mackam® 2CSF-40CG	EU	Disodium Cocoampho dipropionate	Clear Liquid	38-40 (38-40)	Methanol-free and salt-free grade of Disodium Cocoamphodipropionate that is most recommended for personal care applications.	Free
Mackam® CSF-CG Mackam® CSF	USA, EU	Sodium Cocoampho dipropionate	Clear Liquid	39 (39)	CSF-CG is a low odor biodegradable alcohol-free version	DMDM Hydantoin

Amphoetheric

### Alkanolamides

Product Name	Zone of Production	INCI Name	Physical Form	Solid%/ (Active %)	Properties & Applications	Preservatives
Mackamide® C-5	EU	Cocamide DEA	Liquid	>98	Cost effective viscosity builders, foam boosters and stabilisers for anionic personal wash formulations. These liquid amides are easy to incorporate and may be used in cold processes. The C-5, L-5 and S variants meet the requirements of the EU cosmetics regulations	Free
Mackamide® C, CS, CS-5	USA		Liquid	>98		
Alkamide®DC 212/S	AP		Liquid	>98		
Mackamide® S	USA	Soyamide DEA	Liquid	>98		
Mackamide® L5, L10, LLM	USA	Lauramide DEA	Liquid	>98		
Mackamide® L95	USA		Waxy Solid	>98		
Mackamide® LOL	USA, EU	Linoleamide DEA	Liquid	>98	Mackamide® LOL is an excellent viscosity builder for shampoos and skin cleansers. It provides a modest amount of conditioning as well as imparting the desirable lubricating feel of soap.	Free
Mackamide® CMA	AP, USA, EU	Cocamide MEA	Flake	>98	These monoethanolamides are highly effective viscosity builders and will boost and stabilize foam in anionic surfactant based cleansers. Suitable for liquid and bar soap applications. Alternative to Cocamide DEA.	Free
Mackamide® LMM	USA	Lauramide MEA	Flake	>98		
Mackamide® SMV	USA, EU	Stearamide MEA	Flake	>98	Opacifying agent for aqueous based cleansers. Functions synergistically with Glycol Stearate to bring intense pearlescence	Free
Mackamide® CPA	USA	Cocamide MIPA	Flake	>98	Develops creamy and stable foam with anionic surfactants. MIPA derivatives are recommended for "DEA-Free" formulations.	Free
Mackamide® LPA	USA, EU	Lauramide MIPA	Flake	>98		
Fentacare CMMEA	AP	Coco methyl MEA	Liquid	99	A non-ionic alkyl alkanolamide which can be used in a wide variety of formulated products. Its viscosity building and foam boosting properties make it an excellent additive in formulations such as hand soap, body wash, shampoo and facial cleanser. Being a liquid at room temperature, it can be dispensed easily and does not require heating to incorporate into the formulation.	Free

### Liquid Mono-Alkanolamides

Product Name	Zone of Production	INCI Name	Physical Form	Solid%/ (Active %)	Properties & Applications	Preservatives
Mackadet® BC-51	USA	Water, Coco Betaine, Cocamide MEA	Paste	48-51	These patented amide-ampholyte blends are easy-to-use alternatives to the high melting point CMEA. They boost and stabilize foam while improving viscosity of anionic systems. No heat is required to formulate this type of ingredient, and they can be used at the end of the process as a final viscosity adjuster	Free
Mackadet® PC-40	USA	Water, Cocamide MEA, Sodium Coco amphopropionate	Paste	48-51		DMDM Hydantoin

### Skin Moisturizing Alkanolamides

Product Name	Zone of Production	INCI Name	Physical Form	Solid%/ (Active %)	Properties & Applications	Preservatives
Mackamide® AME 75, AME 100	USA	Acetamide MEA	Clear Liquid	(75, 100)	Excellent humectant and skin conditioner for use in non-oily skin lotions and hair care. Unlike Glycerin, both Mackamide® AME & LME provides a light conditioning and non-tacky feel to the skin and hair and has a very light color and odor.	Free
Mackamide® LME	USA	Lactamide MEA	Clear Liquid	(100)		Free
Mackamide® LAME-100	USA	Acetamide MEA, Lactamide MEA	Clear Liquid	(100)	Superior humectant blend for use in hair and skin care formulations and combines the properties of both Mackamide® AME-75 and Mackamide® LME. Proven to synergistically boost the moisturizing performance of Glycerin	Free

Stearate Ester						
Product Name	Zone of Production	INCI Name	Physical Form	Solid%/ (Active %)	Properties & Applications	Preservatives
Alkamuls® 515/V	EU	Glycol Distearate	Flake	>99	When formulated at 0.5% to 2% levels in shampoos and related liquid cleansers, Alkamuls® EGDS will impart a high degree of opacity and, under proper conditions, a fine textured pearlescence. In cream and lotion products, Alkamuls® EGDS is used to create body and a soft velvety feel, while also imparting opacity to the system.	Free
Alkamuls® EGDS 515/V	AP					
Alkamuls® 504/V	USA					
Alkamuls® EGDS 504/V	AP					
Alkamuls® EGDS 704/V	EU					

Chlorine Quaternary Ammonium Surfactant						
Product Name	Zone of Production	INCI Name	Physical Form	Solid%/ (Active %)	Properties & Applications	Preservatives
Mackernium® SDC-85	USA, EU	Stearalkonium Chloride	Flake	(70)	Mackernium® SDC-85 at a concentration of less than 2% provides the essential conditioning and improved compatibility needed in a hair conditioner. It is also compatible with the conditioning additives used in current hair care products; contains 10% propylene glycol and some cetearyl alcohol to aid in its manufacturing.	Free
Mackernium® SDC-25	USA		Paste	24-26 (17-18)	Lower active Stearalkonium Chloride, contains 4% isopropanol as a coupling aid	
Mackernium® 25 NA	USA		Paste	28 (21.5-22.5)	VOC free grade of stearalkonium chloride in a paste form	
Mackernium® KP	USA	Olealkonium Chloride	Liquid	(48-51)	Easy to handle and excellent for use in clear conditioners. At a concentration of less than 3%, it provides combability and antistatic properties needed in a hair conditioner.	Free
Rhodaquat® M 214B 99	EU	Myrtrimonium Bromide	Powder	>98	High purity cationic surfactant ideally suited for use in the preparation of premium quality crème rinse conditioners. It eliminates static and tangling while imparting a soft, elegant feel to the hair.	Free
Rhodaquat® M-242B 99	EU	Cetrimonium Bromide	Powder	>99		
Fentacare 1631 30	AP	Cetrimonium Chloride	Liquid	30	Widely used conditioner for hair, provide combability and antistatic properties. Recommended for light hair feel and fine hair.	Free
Fentacare 1631 37.5				37.5		
Fentacare 1631 E 50	AP	Cetrimonium Chloride (and) Ethanol	Liquid	50		
Fentacare 1631 70			Solid	70		
Fentacare 1631 I 50	AP	Cetrimonium Chloride (and) Isopropyl alcohol	Liquid	50		
Fentacare 1831 70	AP	Steartrimonium Chloride (and) Ethanol	Solid	70	Commonly used conditioner and detangling agent. Stable with other common conditioning agents. It's easier to handle compared to the low active paste.	Free
Fentacare BTAC DPG 70	AP	Behentrimonium chloride (and) Dipropylene Glycol	Solid	70	Excellent conditioner and detangling agent. Yields premium quality cream rinse conditioners that detangle and impart manageability to hair. Recommended for luxurious feel and normal to thick hair. Fenracare 2231 EF is EDTA free version.	Free
Fentacare BTMAC I 80	AP	Behentrimonium chloride (and) Isopropyl alcohol	Solid	80		
Fentacare 2231 EF						

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Sulfate Quaternary Ammonium Surfactant						
Product Name	Zone of Production	INCI Name	Physical Form	Solid%/ (Active %)	Properties & Applications	Preservatives
Fentacare 1831MS	AP	Stearammonium methosulfate (and) Ethanol	Solid	75	Better conditioner and detangling agent. Stable with other common conditioning agents. It's easier to handle compared to the low active paste.	Free
Fentacare 2231MS I 90	AP	Behentrimonium methosulfate (and) Isopropyl alcohol	Solid	80	Excellent conditioner and detangling agent. Yields premium quality cream rinse conditioners that detangle and impart manageability to hair. Recommended for luxurious feel and normal to thick hair. Fentacare BTMS 25EF is EDTA free and is in easy to handle liquid form	Free
Fentacare BTMS 25EF	AP	Behentrimonium methosulfate (and) cetearyl alcohol	Solid	25		Free
Mackernium® CC-112P9	USA	Isostearamido propyl Ethyldimonium Ethosulfate (and) PEG-9	Liquid	73	Effective, anionic compatible quaternary compound to add lubricity and antistatic properties to hair care formulations. It is a good alternative for formulating lotions or conditioners for fine lightly damaged hair. Ideal for light conditioning products and leave-on formulations. It is based on a vegetable-derived grade of isostearic acid and is offered in an anhydrous, inert solvent.	Free
Mackernium® SFES	USA	Sunflowerseed amidopropyl Ethyldimonium Ethosulfate (and) PEG-9	Liquid	75	Effective, anionic compatible quaternary conditioner. It is based on a pure grade of sunflower oil and offered in an anhydrous, inert solvent. It can be used in a variety of personal care products to add lubricity and antistatic properties. Clear, conditioning shampoos and body cleansers can be formulated with Mackernium® SFES. Also suitable for leave-on conditioners/serums.	Free

Amido Amines						
Product Name	Zone of Production	INCI Name	Physical Form	Solid%/ (Active %)	Properties & Applications	Preservatives
Mackine® 301	USA, EU	Stearamidopropyl Dimethylamine	Flakes	100	Provides excellent conditioning and combability when formulated in liquid conditioners, crème rinses and cream conditioners. Mackine®301 is ideal for moderate to intensive care and a good alternative to quaternary surfactants as it has a spectrum very close to that of CTAC. Possibility to blend with CTAC / BTAC.	Free
Mackine® 601	USA	Behenamidopropyl Dimethylamine	Flakes	100	Various acid salts of this amine can be used to provide exceptional conditioning out of crème rinses and conditioners. Recommended for luxurious feel in normal to thick hair.	Free
Mackalene® 316	USA	Stearamidopropyl Dimethylamine Lactate	Liquid	23.5 - 26.5	Compatible with anionic surfactants, it is a soft and gentle conditioning agent with anti-static properties. A liquid conditioner that can be formulated in hair conditioners, conditioning shampoos, aerosol mousse and children's detangler.	Free
Mackalene® 326B	EU	Stearamidopropyl Morpholine Lactate	Liquid	(24-26)	Cationic surfactant used primarily as a conditioner. It rinses more readily from the hair than quaternary ammonium compounds and thereby prevents build-up or a "matted" feel. Compatible with anionic surfactants, it can be formulated with clear shampoo formulations and skin cleansers. Leaves a soft pleasant after feel to skin.	Sodium Benzoate
Mackalene® 326	USA					Methyl Paraben Propyl Paraben Sodium Benzoate
Mackalene® 426	USA	Isostearamido propyl Morpholine Lactate	Liquid	(24-26)	Mackalene® 426 has an advantage over quaternary ammonium cationics in that it rinses more readily from the hair and thereby prevents build-up or a "matted" feel. Mackalene® 426 is also compatible with anionic surfactants and is recommended as a conditioner in both clear shampoo formulations and skin cleansers. When properly formulated, it does not depress foam or lather.	DMDM Hydantoin
Mackalene® 426 K						MIT CIT
Mackalene® 426-100				(>97)		Free

## Cationic Protein

Product Name	Zone of Production	INCI Name	Physical Form	Solid%/ (Active %)	Properties & Applications	Preservatives
Mackpro® KLP	USA	Quaternium-79 Hydrolyzed Keratin	Liquid	33.5-36.5	A quaternary compound in which lipids that are similar to natural sebum are chemically grafted to keratin (or silk) protein. The compound is highly substantive to hair due to the cationic charge. Mackpro KLP functions by replacing natural oils and protein lost by shampooing and provides conditioning without an “oily” feel.	Methyl Paraben, Propyl Paraben, Sodium Benzoate
Mackpro® NSP	USA	Quaternium-79 Hydrolyzed Silk	Liquid	39-41		
Mackpro® WLW	USA	Wheatgerm amidopropyl Dimethylamine Hydrolyzed Wheat Protein	Liquid	34-38	A very efficacious conditioning agent in which the major emollients found in wheat germ oil are chemically grafted to wheat protein. Due to the cationic charge, this product is highly substantive to hair. Mackpro WLW functions by replacing the natural oils lost by shampooing or cleansing and leaves a silky, non-oily feel to the hair and skin.	Methyl Paraben, Propyl Paraben, Sodium Benzoate
Mackpro® WWP	USA	Wheatgerm amidopropyl Dimethylamine Hydrolyzed Wheat Protein	Liquid	34-36	An amine salt of hydrolyzed wheat protein in which the lipid group is derived from wheat germ oil. It is a cationic conditioner, which is highly substantive to damaged hair. Mackpro WWP provides both detangling and conditioning properties. It is also compatible with anionic surfactants and will provide conditioning without significantly depressing foam.	Methyl Paraben, Propyl Paraben, Sodium Benzoate
Mackproplus® RICE C	USA	Cocodimonium Hydroxypropyl Hydrolyzed Rice Protein	Liquid	19-22	Vegetable derived cationic conditioner based on hydrolyzed rice protein and coconut oil. MackproPlus Rice-C is highly substantive to hair which helps to strengthen, moisturize, and condition damaged hair. This product provides excellent wet combability, superior dry combability, and detangling.	Quaternium-15
Mackproplus® SILK C	USA	Cocodimonium Hydroxypropyl Hydrolyzed Silk	Liquid	19-22	Vegetable-derived cationic conditioner based on hydrolyzed silk protein and coconut oil. MackproPlus Silk-C has a lower molecular weight allowing this cationic protein to penetrate deep into the hair shaft, thus strengthening damaged hair. MackproPlus Silk-C is highly substantive providing excellent moisturizing and film-forming properties, which improve body, shine, and combability.	Quaternium-15
Mackproplus® WHEAT C	USA	Cocodimonium Hydroxypropyl Hydrolyzed Wheat Protein	Liquid	25-28	Vegetable-derived cationic conditioner based on hydrolyzed wheat protein and coconut oil. It is highly substantive which helps to strengthen, moisturize, and condition damaged hair. The presence of 2% cysteine aids in its substantivity, which helps to reduce static charge and improve shine. In a tensile strength study, Mackproplus Wheat-C exhibited excellent hair strengthening properties when compared to normal Hydrolyzed Wheat Protein.	Quaternium-15



Amine Oxide						
Product Name	Zone of Production	INCI Name	Physical Form	Solid%/(Active %)	Properties & Applications	Preservatives
Mackamine® CAO	USA	Cocamido propylamine Oxide	Liquid	29.5-31.5	Amidopropylamine oxide provide excellent viscosity building, foam boosting and foam stability properties in a wide spectrum of formulations. These grades are especially effective when formulated with alkyl sulfates or alpha olefin sulfonates.	Free
Mackamine® CAO E	EU			29.5-31.5		
Mackamine® CAO-A	USA			34-36		
Fentacare OA CAPO	AP			30		
Mackamine® LAO	EU	Lauramido propylamine Oxide	Liquid	28.5-31.5		
Mackamine® LMDO	EU	Lauryl/myristyl amidopropyl amine oxide	Liquid	32-34	LMDO is a higher concentration, higher performing analog of Mackamine® CAO. It can give superior foaming and viscosity build, and is Glycerin free.	Free
Mackamine® CS, CSM, CG	EU	Cocamine Oxide	Liquid	29-31	Cocamine oxide is compatible with most surfactants and provides excellent foam boosting and foam stability. It will not hydrolyze in acid systems and also stable in highly alkaline products. This grade of cocamine oxide exhibits a particularly low level of free amine.	Free
Fentacare OA 1216	AP	Lauryl/cetylamine Oxide	Liquid	17	Excellent foam booster and viscosity builder. Useful as thickening agent for detergent/hypochlorite cleansing systems.	Free
Fentacare OA 1416	AP	Myristyl/cetylamine Oxide	Liquid	13	Useful as viscosity modifier, foam stabilizer, emulsifier, wetting agent and dye dispersant.	Free
Mackamine® LO	USA	Lauramine Oxide	Liquid	> 29	Lauramine Oxide provides excellent foam boosting and foam stability. It will not hydrolyze in acid systems and is also stable in highly alkaline conditions. Mackamine® LO-S is lighter in color than Mackamine® LO.	Liquid
Mackamine® LA	USA, EU					
Mackamine® LO E	EU					
Mackamine® LO S	USA					
Fentacare OA 12	AP					
Mackamine® MY	EU	Myristamine Oxide	Liquid	24-26	Light colored amine oxide that provides good foam boosting & lather enhancement to anionic based cleansers. It is compatible with most other surfactants and will not hydrolyze in strongly acid or alkaline systems. Being somewhat higher in molecular weight than lauramine oxide, this amine oxide provides greater stabilizing and viscosity building properties.	Free
Mackamine® C-14 E	EU		Liquid	28-30		
Fentacare OA 14	AP		Liquid	25		
Fentacare OA 1012	AP	Decyl/Lauryl amine oxide	Liquid	30	Excellent wetter with moderate foam. Bleach stable. Useful in high electrolyte containing cleaners and foamers.	Free
Fentacare OA 1214	AP	Lauryl/Myristyl amine oxide	Liquid	30	Foamer, antistatic agent, viscosity control agent, detergent, foam booster/stabilizer and thickener. Compatible with acids and bases.	Free
Mackamine® SO	EU	Stearamine Oxide	Paste	24-26	An excellent conditioning agent having conditioning properties similar to quaternary ammonium compounds. Although not very water soluble, Mackamine® SO can be solubilized in the presence of anionic surfactants to give a clear formulation.	Free

Ethoxylate Amines						
Product Name	Zone of Production	INCI Name	Physical Form	Solid%/(Active %)	Properties & Applications	Preservatives
Rhodameen® O2/V	EU	PEG-2 oleamine	Liquid	100	Vegetable based non-ionic thickening surfactant used in hair colorants and extreme pH applications.	Free

## Synthetic Derived Conditioning Agents

Product Name	Zone of Production	INCI Name	Physical Form	Solid%/ (Active %)	Properties & Applications	Preservatives
Polycare® Boost	EU	Water, Dimethicone, Polyquaternium -74, Laureth-7	Liquid	50-55	Easy to formulate 2-in-1 conditioning shampoos and conditioners system that improve hair shine and perception of natural state. Provides soft and clean hair sensorial signal to the consumers while delivering excellent dry hair detangling.	Phenoxyethanol, Methylparaben, Butylparaben, Ethylparaben, Propylparaben, Sodium Benzoate
Mirapol® PQ 74	EU	Polyquaternium -74	Liquid	20	Polyquaternium-74 is an amphoteric polymer used to deliver high conditioning and delivery performance in rinse-off personal care applications. It gives light hair feel and has strong affinity with dimethicone to boost deposition. Can be used together with Jaguar series for enhanced performance delivery.	Sodium Benzoate
Mirapol® A15	USA	Polyquaternium-2	Liquid	> 62	Very low molecular weight, highly charged cationic polymer, it is recommended for use in baby shampoo and other applications such as hair coloring systems.	Free
Mirapol® 100	USA	Polyquaternium-6	Liquid	39-41	Very substantive to hair, provides high conditioning properties and a pronounced glaze upon rinsing. Ideal for color protection shampoos and treatment of dry and damaged hair.	Free
Polycare® 133	USA	Polymethacryl amidopropyl trimonium chloride	Liquid	32-34	Very substantive to hair, provides excellent wet hair combing and detangling performance. Recommended for Ethnic hair shampoos and treatments.	Diazolidinyl Urea
Mirapol® 550 P	EU	Polyquaternium-7	Liquid	8.5 - 9.5	Liquid economical conditioning agents for hair and skin, these synthetic anionic compatible polymers provide lubricity to hair and skin care formulas. In skin care formulas, they leave the skin with a soft pleasant feel.	Phenoxyethanol, Methylparaben, Butylparaben, Ethylparaben, Propylparaben
Mirapol® 550	USA			8-9		Sodium Benzoate
Mirapol® 550 SB, 550 SBB	EU					
Mackernium® 007B	AP, EU					
Mackernium® 007	EU					
Mackernium® 007N	AP, USA					
Mackernium® 007S	USA	Polyquaternium-7	Liquid	8.5 - 9.5	Slightly higher cationic charge density than normal grades of Mackernium 007 making it exceptionally compatible in a variety of surfactant systems. It is an excellent conditioning agent for shampoos providing lubricity and wet combing. Mackernium 007S is also an excellent emollient for skin cleansers. When combined in a liquid hand soap formula, it provides a smooth, silky feel to the hands.	Methylparaben, Propylparaben
Polycare® 125, 400, 3000	AP	Polyquaternium -10	Powder	100	Excellent for use in a variety of personal cleansers and shampoos, these polymers provide high clarity to formulations, excellent compatibility with surfactants and good conditioning with a clean rinse sensorial profile. LR series are the lower charge density (nitrogen content) type.	Free
Polycare® LR125, LR400, LR3000	AP	Polyquaternium -10	Powder	100		Free

## Natural Based Conditioning Agents

Product Name	Zone of Production	INCI Name	Physical Form	Solid%/ (Active %)	Properties & Applications	Preservatives
Jaguar® C-14S	AP, USA	Guar Hydroxypropyl trimonium Chloride	Powder	100	Substantitive to hair and skin. Boost foam and increase silicon deposition to hair from hair shampoo. Provides excellent wet combing and soft non-tacky feel to hair.	Free
Jaguar® C-13S	AP, USA				Self-hydrating version of Jaguar® C-14S.	
Jaguar® C-17	AP, USA	Guar Hydroxypropyl trimonium Chloride	Powder	100	Highly substantitive to hair and skin. Recommended for high conditioning shampoos and moisturizing body washes. Enhances deposition of actives such as silicone, anti-dandruff agents and moisturizing oils.	Free
Jaguar® C-500	AP, USA	Guar Hydroxypropyl trimonium Chloride	Powder	100	Light conditioning performance with enhanced wet combability and squeaky clean hair feel. Recommended for fine hair and volumizing shampoo.	Free
Jaguar® C-162	EU	Hydroxypropyl Guar Hydroxypropyl trimonium Chloride	Powder	100	A unique conditioning polymer for hair and skin. Jaguar® C162 delivers key benefits for formulators and consumers: such as rich and creamy foam. It is substantive to skin, enhances skin feel, boosts active delivery, has an ecofriendly profile and is suitable for transparent formulations.	Free
Jaguar® LS	EU	Hydroxypropyl Guar Hydroxypropyl trimonium Chloride	Powder	100	Special grade that continue to deliver conditioning performance even at a diluted formulation chasis (low surfactants content formulations). Suitable for transparent low surfactants formulation, can be also used in silicone free formulation system.	Free
Jaguar® Excel	EU	Guar Hydroxypropyl trimonium Chloride	Powder	100	Clear grade with excellent wet combing and detangling benefits. Recommended for use in a broad range of conditioning shampoos.	Free

Xanthan Gum & Succinoglycan						
Product Name	Zone of Production	INCI Name	Physical Form	Solid%/ (Active %)	Properties & Applications	Preservatives
Rhodicare® S	EU	Xanthan gum	Powder	100	100% naturally derived thickening biopolymer delivering viscosity and suspension/stabilization properties to cosmetic formulations. Recommended use in skin creams, make-up formulas and cleansers. Rhodicare® S displays a high hydration rate. Approved for Ecocert	Free
Rhodicare® D	EU	Xanthan gum	Granules	100	Easy dispersible dust free grade. Heating to 50C speed up their dissolution. Approved for Ecocert	Free
Rhodicare® H	EU	Xanthan gum	Powder	100	Fast hydrating grade in powder form. Approved for Ecocert	Free
Rhodicare® XC	EU	Xanthan gum	Powder	100	Similar to standard Xanthan Gum, this grade displays improved microbial specifications. Approved for Ecocert.	Free
Rhodicare® T	EU	Xanthan gum	Powder	100	High purity grade specifically designed for thickening and suspension in clear formulations. Approved for Ecocert.	Free
Rhodicare® CFT	EU	Xanthan gum	Powder	100	Cellulase-free clear grade of Xanthan Gum, it is recommended when associated with cellulose-based polymers. Especially recommended in toothpastes. Approved for Ecocert.	Free
Rheozan® SH	EU	Succinoglycan	Fine Powder	100	Efficient thickener even at low dosage and low pH. Can use to thicken and stabilize hydrocolloid giving an aqueous solution of high viscosity and high yield. Approved for Ecocert.	Free

Guar And Derivatives						
Product Name	Zone of Production	INCI Name	Physical Form	Solid%/ (Active %)	Properties & Applications	Preservatives
Jaguar® S	USA	Cyamopsis Tetragonoloba (Guar) Gum	Powder	100	100% naturally derived thickening polymer, it develops viscosity via entanglement mechanism. Approved for Ecocert.	Free
Jaguar® HP-8 COS	USA	Hydroxypropyl Guar	Powder	100	Optimum thickening effect. Compatible with diluted alcohol solution up to 30% ethanol. Good compatibility with electrolytes and stability over a wide range of pH. Smooth skin feel. Helps stabilize emulsions.	Free
Jaguar® HP-60	USA	Hydroxypropyl Guar	Powder	100	Good compatibility with electrolytes and stability over a wide range of pH. Smooth skin feel. Helps stabilize emulsions.	Free
Jaguar® HP-105	USA	Hydroxypropyl Guar	Powder	100	Enables the formulation of hydroalcoholic gels offering a unique "fluid" smooth feel in wet applications such as body washes and styling gels. Allows the formulation of transparent pumpable/sprayable gels.	Free
Jaguar® HP-120	USA	Hydroxypropyl Guar	Powder	100	Optimum compatibility with polar solvents; thicken and fully compatible with 100% ethanol based formulations. Stable over a wide range of pH. Jaguar® HP-120 is a natural thickener and film former for hand sanitizers.	Free

Hase polymer						
Product Name	Zone of Production	INCI Name	Physical Form	Solid%/ (Active %)	Properties & Applications	Preservatives
Rheomer® 33T	EU	Polyacrylate-33	Milky liquid	27.5-30.5	New rheological polymer specifically designed to provide a high thickening efficiency, suspension properties & high clarity in low-medium (6 - 13%) surfactant content systems.	Free

Silicones derivatives						
Product Name	Zone of Production	INCI Name	Physical Form	Solid%/ (Active %)	Properties & Applications	Preservatives
Mirasil® DME-2 KCG	EU	Water, Dimethicone, Laureth-8, Succinoglycan	White Liquid	50	High viscosity Dimethicone emulsion in water allowing a controlled uptake of silicone on the hair. Improves dry-combing. Silicone particule size around 2 microns.	MIT CIT
Mirasil® DME-30 KCG	EU	Water, Dimethicone, Laureth-8, Succinoglycan	White Liquid	50	High viscosity Dimethicone emulsion in water imparts an increased uptake of silicone on hair for maximum conditioning effect. Improves dry-combing. Silicone particule size around 30 microns.	MIT CIT
Mirasil® WAX B	USA	Dimethiconol Behenate	Wax	100	Silicone wax allows gellification/thickening of the oil phase. Reduces tackiness and imparts smooth and silky feel in skin care products. Helps improve the water-resistance properties and boosts SPF in sun care emulsions. Brings long-lasting color properties to make up products.	Free
Mirasil® WAX S	USA	Dimethiconol Stearate	Paste	100	Silicone wax. Helps improve the water resistance properties in sun care emulsions. Improves smoothness of lipsticks and long-lasting color property in make-up products.	Free



Cold Pearliizer & Opacifier						
Product Name	Zone of Production	INCI Name	Physical Form	Solid%/ (Active %)	Properties & Applications	Preservatives
Mirasheen® Star K	USA	Water, Glycol Distearate, Sodium Laureth Sulfate, Myristyl Alcohol, Cocamidopropyl Betaine	Flowable Paste	29-35	High performance pearlizing agent with diamond shine and excellent opacifying properties, it is highly cost-effective. Its recommended inclusion rate ranges from 1% to 3% and it is "Amide-free".	MIT CIT
Mirasheen® Star NB	AP					
Mirasheen® CP 820/G	AP	Water, Glycol Distearate, Sodium Laureth Sulfate, Cocamidopropyl Betaine, Sodium Coco amphoacetate, Laureth-7	Flowable Paste	33-38	Pumpable superior pearlescent, can be incorporated in the base formulation at ambient temperatures. Delivers emolliency, mildness and moisturizing benefits to the skin.	DMDM Hydantoin
Mirasheen® A-220	USA	Water, Glycol Distearate, Ammonium Laureth Sulfate, Ammonium Lauryl Sulfate, Ammonium Xylene Sulfonate, Cocamide MEA	Flowable Paste	37-43	Ammonium based pearlizing agent. Provides a smooth and shiny pearlescence to formulations	DMDM Hydantoin
Mackpearl® DR-140	USA, EU	Water, Glycol Distearate, Cocamidopropyl Betaine, Cocamide MEA, Sodium Laureth Sulfate	Flowable Paste	41-44	Vegetable-derived EGDS, this grade is designed to also boost viscosity and stabilize foam.	DMDM Hydantoin
Mackpearl® EQ 99	USA	Glycol Stearate, Cocamidopropyl Betaine, Sodium Laureth Sulfate	Flowable Paste	42-45	Amide-free, high-active liquid pearling agent designed for easy dispersion at ambient temperatures.	DMDM Hydantoin
Mackpearl® TTE	EU	Glycol Disterate, Laureth-4, Cocamidopropyl Betaine	Flowable Paste	41-45	An amide and sulfate free pearlizing agent with good dispersibility and excellent pearlescence.	Formic Acid
Mackpearl® SSO Special	EU	Sodium Laureth Sulphate, Glycol Distearate, Cocoamide MEA,	Flowable Paste	44 - 47	A readily dispersible, high solids pearlizing agent, giving silky pearlescence in cold process formulations.	Formic Acid
Mackpearl® HG-178	EU	Glycol Distearate, Sodium Laureth Sulphate, Cocamide MEA, Laureth 10	Flowable Paste	36-40	An effective cold pearlizing agent, delivering a high level of pearlizing ester, and foam boosting/ stabilization.	Formic Acid
Mackadet® OPR-1	USA	Water, Glycol Distearate, Cocamidopropyl Betaine, Glyceryl Stearate	Flowable Paste	41-44	Vegetable-derived liquid dispersion to opacify formulations. Appearance is adjusted with inclusion level. Recommended for "sulfate-free", "EO-free", and "amide-free" formulations.	MIT CIT

Sustainable Systems						
Product Name	Zone of Production	INCI Name	Physical Form	Solid%/ (Active %)	Properties & Applications	Preservatives
Mackadet® 40-K	USA	Water, Potassium Cocoate	Liquid	36-40	Biodegradable and naturally derived. It is a easy to handle, cold process and high lathering liquid coconut-based soap system for liquid hand cleansers and personal care washes.	Free
Mackadet® 40-K E	EU					
Mackadet® SFC-1	USA	Water, Disodium Lauryl Sulfosuccinate, Sodium Lauroampho hydroxypropyl sulfonate, Cocamidopropyl Hydroxysultaine, Cocamide MIPA, Decyl Glucoside, Cocamidopropyl Betaine	Clear Liquid	40-42	A mild "sulfate-free" system that readily thickens upon salt addition or pH adjustment. In shampoo, proven to reduce fading of hair color. PEG-free, Paraben and Formaldehyde Free.	Phenoxyethanol Benzoic Acid Dehydroacetic Acid
Miracare® Plaisant	USA	Water, Sodium Cocoyl Isethionate, Sodium Lauro amphoacetate, Sodium Methyl Cocoyl Taurate	Liquid	35-38	A "sulfate-free" performance system, based on plant derived ultra mild surfactants. It provides a "clean rinse" and a soft skin after-feel in body wash. In shampoo, it reduces fading of hair color and improve the formulation mildness and foam creaminess.	MIT
Mackadet® EQ-178	USA	Water, Decyl Glucoside, Cocamidopropyl Hydroxysultaine, Cocamidopropyl Betaine, Cocamide MIPA, Disodium Laureth Sulfosuccinate, Disodium Lauryl Sulfosuccinate	Liquid	42-45	A naturally mild system, "sulfate-free", that is easily solubilized in water, and thickened with a small addition of salt.	MIT CIT

Creamy And Indulging Washes						
Product Name	Zone of Production	INCI Name	Physical Form	Solid%/ (Active %)	Properties & Applications	Preservatives
Miracare® SLB-365/G	AP, USA	Water, Sodium Trideceth Sulfate, Sodium Lauro amphoacetate, Cocamide MEA	Liquid	48-52	Base surfactants system for producing creamy, lotion like textures liquid crystal system. Can be used for shampoos, hand soaps and body washes. It can suspend high level of oils and other insoluble/ dispersible actives. Ideal for delivering pampering & care benefits to consumers. Miracare® SLB 365W has slightly higher solid/active and is self-preserved.	DMDM Hydantoin
Miracare® SLB-365/N	USA					MIT
Miracare® SLB 365W	AP					Free

Baby Soft Wash And Mild Shampoos						
Product Name	Zone of Production	INCI Name	Physical Form	Solid%/ (Active %)	Properties & Applications	Preservatives
Mackadet® EQ-70	USA	Deionized Water, PEG-80 Sorbitan Laurate, Cocamidopropyl Betaine, Sodium Trideceth Sulfate, Sodium Lauro amphoacetate, PEG 150 Distearate, Sodium Laureth - 13 Carboxylate	Liquid	42	Very mild shampoo concentrate which may be diluted with water to make an ultra-mild baby shampoo with exceptionally low eye irritation scores. This product is designed to produce a typical baby shampoo formulation when diluted 1:2 parts water.	Quaternium-15
Mackadet® EQ-112	USA	Water, Cocamidopropyl Betaine, PEG-80 Sorbitan Laurate, Sodium Trideceth Sulfate, PEG-150 Distearate	Liquid	41-43	Ultra mild systems designed for baby shampoos and "tear-free" claims. Proven low eye irritation (HET-CAM tests).	Quaternium-15
Mackadet® EQ-112K						MIT CIT
Mackadet® BX-171	USA	PEG-80 Sorbitan Laurate, Cocamidopropyl Betaine, Sodium Trideceth Sulfate, Glycerin, Sodium Lauroampho acetate, PEG 150 Distearate, Sodium Laureth-13 Carboxylate	Liquid	>42	Very mild shampoo concentrate which may be diluted with water to make an ultra-mild baby shampoo with exceptionally low eye irritation scores. Mackadet® BX-131 is designed to produce a typical baby shampoo formulation when diluted at the rate of 1 part concentrate to 2 or less parts of water.	Quaternium-15
Mackadet® CN-60	USA	Water, PEG-80 Sorbitan Laurate, Sodium Trideceth Sulfate, PEG-150 Distearate, Cocamidopropyl Hydroxysultaine, Sodium Lauro amphoacetate, Sodium Laureth-13 Carboxylate	Liquid	38-42	Special system to make mild baby shampoo, hand soaps and bath products. This product is designed to produce a typical baby shampoo when formulated at the recommended use level.	Quaternium-15
Mackadet® BSC	USA	Sodium Laureth Sulfate, Cocamide DEA, Disodium Oleamido MEA Sulfosuccinate, Disodium Cocoampho diacetate, Cocamidopropyl Betaine	Liquid	44-46	Concentrated blend of mild surfactants, which simply require dilution and the addition of minor additives for a ready to package mild economy product. Mackadet® BSC-Special is suitable for use as hand soap, shampoo, and body wash.	DMDM Hydantoin
Mackadet® BSC-SPECIAL	EU	Sodium Laureth Sulfate, Disodium Cocoampho diacetate, Disodium Oleamido MEA Sulfosuccinate, Cocamidopropyl Betaine, Cocamide DEA	Liquid	45-48		DMDM Hydantoin
Mackadet® BSC-ND	USA	Water, Sodium Laureth Sulfate, Disodium Oleamido MIPA Sulfosuccinate, Disodium Cocoampho diacetate, Cocamidopropyl Betaine, PEG-150 Distearate	Liquid	42-45	Shampoo concentrate for baby and kids with proven low eye irritation, free of amide. Recommended for mild shampoos, head-to-toe and body wash products.	DMDM Hydantoin
Mackadet® BSC-NAD	USA	Sodium Laureth Sulfate, Cocamidopropyl Betaine, Disodium Oleamido MEA Sulfosuccinate, Disodium Cocoampho diacetate, Cocamide MEA	Liquid	43-46	Concentrated blend of mild surfactants, which simply requires dilution and the addition of minor additives for a ready to package baby shampoo. Recommended to be used at 1 part concentrated system to 4 parts water.	DMDM Hydantoin

Methylisothiazolinone - MIT

Methyl Chloroisothiazolinone - CIT

Mild And Gentle Skin Cleansers						
Product Name	Zone of Production	INCI Name	Physical Form	Solid%/ (Active %)	Properties & Applications	Preservatives
Miracare® BT	USA	Water, Disodium Lauroampho diacetate, Sodium Trideceth Sulfate, Isopropyl Alcohol	Liquid	36-38	Ultra-mild surfactant concentrates with good flash-foam properties. Recommended applications are in baby washes, intimate hygiene and make up removers.	Free
Mackam® 2MHT-II				38-40		
Miracare® 2MHT				48-52		
Miracare® MHT	USA	Water, Disodium Lauroampho acetate, Sodium Trideceth Sulfate, Isopropanol	Liquid	33.5-36.5	Scientifically formulated to maximize the synergistic effects of the anionic/amphoteric complexes. Its ability to develop full, high foam, and mildness characteristics make it well-suited to a wide range of personal care products	Free
Miracare® 2MCA	USA	Water, Disodium Cocoampho diacetate, Sodium Lauryl Sulfate, Hexylene Glycol	Clear Yellow Liquid	45 - 48	Blend of amphoteric and anionic surfactants designed to provide optimum mildness, good foam and cleansing performance. Non-irritant formulation base for the preparation of shampoos, baby shampoos, facial washes and shower gels. Mild to skin, non-irritating to eyes. Compatibility with fragrances.	Formaldehyde
Mackadet® DR-155	USA	Water, Disodium Laureth Sulfo succinate, Sodium Laureth Sulfate, Cocamidopropyl Betaine	Liquid	33 - 36	Exceptionally mild blend of surfactants designed to be formulated with carbomer to suspends beads, enapsulated vitamins or other particulates.	DMDM Hydantoin
Miracare® UM-140	USA	Water, Sodium Cocoyl Isethionate, Sodium Lauro amphoacetate, Sodium Methyl Cocoyl Taurate	Liquid	35-38	Excellent foam volume and lather characteristics with very good mildness profile. It is compatible with a wide variety of surfactants (lauryl sulfates, lauryl ether sulfates, amphoteric, etc.)	DMDM Hydantoin
Mackadet® BWC	USA	Water, Sodium Laureth Sulfate, Sodium Lauryl Sulfate, Glycol Distearate, Propylene Glycol, Disodium Oleamido MIPA Sulfosuccinate, Cocamide MEA, Cocamidopropyl Betaine	Opaque Liquid	45-48	Vegetable based, pearled concentrated system of mild surfactants for use as a base to manufacture high-foaming, clear, personal care cleansing systems. Good viscosity response and tolerance of high fragrance levels.	DMDM Hydantoin

Liquid Soap Base System						
Product Name	Zone of Production	INCI Name	Physical Form	Solid%/ (Active %)	Properties & Applications	Preservatives
Miracare® MSB	AP	Water, Lauric Acid, Myristic Acid, Cocamido propyl Betaine, Sodium Coco amphoacetate, Potassium Hydroxide, Glycerine	Liquid	45	High active, versatile concentrate for use in shower gels, bubbles bath, liquid hand soap, etc. Miracare MSB is an optimized blend containing a high level of amphoteric surfactants and well suited to a wide range of personal care product applications.	DMDM Hydantoin
Miracare® MAP 2K14	AP	Water, Lauric Acid, Myristic Acid, Potassium Laureth Phosphate, Cocamidopropyl Betaine, Sodium Cocoampho acetate, Potassium Hydroxide	Liquid	40-44	Mild soap base formulated with Mono Alkyl Phosphate and amphoteric, it combines excellent cleansing and mildness, "easy rinse" profile and unique after wash skin feel. It is recommended when developing facial and body cleansers for Asian consumers.	Free

# Home Care





Alkyl & Alkyl Ether Sulfates						
Product Name	Zone of Production	INCI Name	Physical Form	Solid%/ (Active %)	Properties & Applications	Preservatives
Rhodapon® AL Series	AP, USA	Ammonium Lauryl Sulfate	Liquid	(28 and 70)	Non EO containing sulfates that can be used for various cleaning formulations, normally used as main surfactants. Readily generates a stable, sudsy foam and is recommended for dishwashing detergent, hard surface cleaners and other institutional applications. Available in various physical forms and active levels. Some grades are Ecocert certified. Tradename details please refer to personal care anionic segment.	Various
Rhodapon® L Series	AP, USA	Sodium Lauryl Sulfate	Liquid, solid (needle/ powder)	(28, 92 and 94)		Various
Rhodapon® BOS STD	USA	Sodium 2-Ethylhexyl Sulfate	Liquid	(39-40)	Low foaming anionic with excellent wetting, coupling, bleach stable and with excellent tolerance for inorganic salts and high alkaline pH conditions; even in 20% caustic solutions.	Free
Rhodapon® BOS-W	AP			(38.5-40.5)		Free
Rhodapex® EA Series	AP, USA	Ammonium Lauryl Sulfate	Liquid	(28 and 70)	Various grades of ether sulfates with 1-, 2-, and 3-EO. Available at low or high actives, in low salt and/or low free-oil versions. Also available are ultra low-dioxane products and different preservative systems. Widely used as main foamer in various application where anionic surfactant foaming/ cleaning power is required. Tradename details please refer to personal care anionic segment.	Various
Rhodapex® ES Series	AP, USA	Sodium Laureth Sulfate	Liquid	(28 and 70)		Various

Sulfonates						
Product Name	Zone of Production	INCI Name	Physical Form	Solid%/ (Active %)	Properties & Applications	Preservatives
Rhodacal® A Series	USA	Sodium C14-16 Olefin Sulfonate	Liquid	(38)	High foaming surfactants for various applications such as dish wash, car wash, general purpose cleaners, etc. Various grades and active level (physical forms) available, please refer to personal care anionic segment for more details	Various
Rhodacal® LSS Series	USA, AP	Sodium C14-16 Olefin Sulfonate	Liquid, solid (needle/ powder)	(38, 70-80 and >90)		Various
Rhodacal® SSA/M	AP	Dodecylbenzene Sulfonic Acid	Liquid	(>96)	The concentrated acid form of sodium dodecylbenzene sulfonate. Can be neutralized with a variety of bases such as monoisopropanolamine to create anionics with high compatibility with oils. Primary surfactant in a wide range of heavy duty detergent powder, paste, liquid and bar detergents. It is used in hard surface cleaners for household and industrial applications. Rhodacal LDS-50/M is the grade with the sodium salt while Rhodacal TS-60/MX is with TEA salt for high degree of solubility.	Free
Rhodacal® LDS-50/M	AP	Sodium Dodecylbenzene Sulfonate	Paste	(49-51)		Free
Rhodacal® TS-60/MX	AP	Triethanolamine Dodecylbenzene Sulfonate	Liquid	(59-61)		MIT CIT

Phosphate Esters						
Product Name	Zone of Production	INCI Name	Physical Form	Solid%/ (Active %)	Properties & Applications	Preservatives
Rhodafac® H-66	USA	Aromatic Ethoxy Phosphate Potassium Salt	Liquid	49-51	Supplied in a neutralized potassium salt form. Strong hydrotrope for industrial cleaners and high pH formulations. Low foaming. Coupling agent for nonionic surfactants.	Free
Rhodafac® RE-610	AP, USA	Nonylphenol Ethoxy Phosphate	Liquid	99	Excellent compatibility in high electrolyte systems making it extremely versatile. It is used in heavy duty and all purpose liquid cleaning solutions. It has excellent coupling properties and hard surface detergency. Also useful in dry cleaning and as dedusting agents for powdered detergents.	Free
Rhodafac® RA-600	AP, USA	Linear Alcohol Ethoxy Phosphate	Liquid	98	Biodegradable linear alcohol ethoxylate phosphate ester. Exhibits surface tension reduction to 28 dynes. It is alkali stable and compatible in high electrolyte formulations. It is an effective coupling agent for non ionic surfactants in liquid detergent systems and alkali detergent systems. Excellent textile & hard surface wetting make it suitable for use in a variety of cleaning applications.	Free
Rhodafac® RP-710	USA	Phosphate Esters, Phenol Ethoxylate based	Liquid	99	Effective low foaming hydrotrope for non ionic surfactants used in liquid or powder detergents, and alkali cleaning. Particularly effective in coupling low-foam non ionic into alkaline cleaners even at elevated temperatures.	Free
Rhodafac® RS-610	USA	Branched Alcohol Ethoxy Phosphate	Liquid	25	Moderate foaming, exceptional electrolyte tolerance. Used as dry cleaning detergent, emulsifier and in institutional hard surface cleaners. Very effective in cotton processing and caustic boil cleaning applications. It is alkali and electrolyte stable.	Free

Methylisothiazolinone - MIT

Methyl Chloroisothiazolinone - CIT

### Sulfosuccinates

Product Name	Zone of Production	INCI Name	Physical Form	Solid%/ (Active %)	Properties & Applications	Preservatives
Geropon® SS-O-75/CAN	USA	Diethylhexyl Sodium Sulfosuccinate	Liquid	75 (70)	Also known as Dioctyl Sodium Sulfosuccinate (DOSS), it is an excellent wetting and penetrating agent. Dissolves instantly in organic systems, such as dry cleaning solvents and degreasers.	Free
Mackamate® DOS-75	USA		Liquid	74-76 (69-71)		Free
Geropon® WS-25I	USA	Sodium Dinonyl Sulfosuccinate	Liquid	48 (48)	Used as a liquid wetting agent. Contains Isopropyl Alcohol and water as the carrier	Free

### Carboxylates

Product Name	Zone of Production	INCI Name	Physical Form	Solid%/ (Active %)	Properties & Applications	Preservatives
Miranate® B	USA	Sodium Butoxy Ethoxy Acetate	Liquid	50 (46)	Extremely low foaming wetting agent, stable to high acid and alkali. Used in metal cleaning, bottle washing and steam cleaning.	Free

### Amphopropionates

Product Name	Zone of Production	INCI Name	Physical Form	Solid%/ (Active %)	Properties & Applications	Preservatives
Mackam® 2CYSF	USA	Disodium Capryloampho dipropionate	Clear Liquid	48-52	Low foaming surfactant suggested for systems where sodium chloride would be detrimental to performance or cause corrosion problems. Soluble and stable in a wide range of concentrated electrolyte systems while exhibiting a remarkable reduction in surface tension and improvement in wetting properties. The product is completely stable in acid and alkaline systems and can be used in caustic systems without losing effectiveness or causing discoloration. Excellent for use in institutional cleaners and high pressure spray metal and glass cleaners.	Free
Miranol® JBS	USA			38-40 (38-40)		Free
Miranol® C2M Conc SF	USA	Disodium Cocoampho dipropionate	Clear Liquid	38-40 (38-40)	Mild emulsifiers, solubilizers, foaming and cleansing agents. Detergent for extra heavy-duty cleaners and all-purpose cleaners. Also has excellent coupling and caustic solubility properties that make it ideal for home care and industrial cleaners.	Free
Mackam® 2CSF	USA, EU					
Miranol® FBS	USA					
Mackam® 2CSF-40CG	USA, EU					
Mackam® ODP-45M	USA	Disodium Ethylhexylimino dipropionate	Clear Liquid	41-45	An effective hydrotrope to couple nonionic surfactants into systems containing high levels of electrolyte. Mackam ODP-45M is a low foamer that provides good detergency in systems that require high cloud points. Readily biodegradable and is globally accepted	Free
Mackam® OIP-40	EU			38-40		
Mackam® DP-122	EU	Sodium Cacimino dipropionate	Clear Liquid	29-31 (28-30)	Stable over the entire pH range and is used as a detergent and hydrotrope in high electrolyte systems. The product finds use in mild surfactant systems as well as in hard surface cleaners. It produces a heavy wet foam that finds use in fire fighting applications. Mackam DP-122 helps wetting and solubilisation in systems containing phosphate and polyphosphates, and also useful as a corrosion inhibitor in aqueous systems.	Free
Mirataine® H2C-HA	EU	Sodium Laurimino dipropionate	Clear Liquid	28-31 (28-31)		Free
Miranol® JEM Conc	USA	Mixed C-8 Ampho carboxylates	Liquid	33-35 (27-30)	Surfactant, wetting agent with low foaming characteristics, stable in alkaline medium or in high concentrations of electrolytes. Used for bottles washing and applications in the food industry.	Free
Mackam® MEJ	USA			33-35 (28-29)		

Amphoacetates						
Product Name	Zone of Production	INCI Name	Physical Form	Solid%/ (Active %)	Properties & Applications	Preservatives
Mackam® 2CY 75	USA	Disodium Capryloampho dipropionate	Clear Liquid	34-36 (25-26)	Excellent wetting and detergent properties while providing low foam; has excellent stability in strongly alkaline and acid systems.	Free
Miranol® C2M Conc NP	AP, EU	Disodium Coco amphodiacetate	Clear Liquid	49-51 (37.5-39.5)	Provides mild and stable foam in alkaline and acidic environments making it ideal for industrial applications. It is useful for the formulation of hospital cleaners and hard surface cleaners.	Free
Mackam® 2C-75	USA, EU		Clear Liquid	37.5-41 (27-30)	Optimized grade of Disodium Cocoamphoacetate with low viscosity and color.	Free
Miranol® Ultra C32	AP, EU	Sodium Coco amphoacetate	Clear Liquid	38-41 (30-32)	Useful for liquid dish wash and hard surface cleaners. Biodegradable and stable in acidic and alkaline systems.	Free
Miranol® H2M Conc	USA	Disodium Lauro amphodiacetate	Clear Liquid	49-51 (36-40)	Yields exceptional foam quality in blends with sulfates. Provides synergistic irritation reduction in combination with anionics. Miranol H2M Conc is derived from 99% lauric acid.	Free
Miranol® BM Conc	USA		Clear Liquid	37-39 (29.5)		Free
Miranol® Ultra L32	AP, USA, EU	Sodium Lauro amphoacetate	Clear Liquid	38-39 (30-32)	Ultra pure mild amphoteric surfactant. Good foam quality in blends with sulfates surfactants.	Free
Miranol® DM	USA	Sodium Stearo amphoacetate	White Paste	25-27 (20-21)	Antistatic and softening effects on animal, cellulose and synthetic fabrics. Non-yellowing. Also used in polishes as an emulsifier and thickener.	Free

Sultaines						
Product Name	Zone of Production	INCI Name	Physical Form	Solid%/ (Active %)	Properties & Applications	Preservatives
Mackam® CBS-50G	USA, EU	Cocamidopropyl Hydroxysultaine	Clear Liquid	48-52 (38-42)	Readily biodegradable, coconut oil derived sultaine with good foam boosting properties and lime soap dispersing properties. Displays excellent performance over broad pH ranges. Viscosity builder for anionic based formulations. Suitable for DfE formulations and is listed on Cleangredients.	Free
Mirataine® CBS				48-52 (40-42)		Free
Mackam® 50-SB	AP, USA, EU	Cocamidopropyl Hydroxysultaine	Clear Liquid	49-51 (40-42)	Low odor and color grade of Cocamidopropyl Hydroxysultaine, this grade is glycerin free and has greater viscosity building than Mackam CBS-50G.	Free
Mackam® LSB-50	USA, EU	Lauramidopropyl Hydroxysultaine	Clear Liquid	47-49 (40-42)	Pure lauric derived, glycerin-free sultaine with great flash foam when incorporated into high brine systems.	Free
Mackam® LHS, LHS-E	USA, EU	Lauryl Hydroxy sultaine	Clear Liquid	47-49 (40-42)	Very stable in both acidic and alkali media, not subject to hydrolysis.	Free
Mirataine® ASC	USA	Alkylether hydroxypropyl sultaine	Liquid	49-51 (40-42)	For use in both alkaline and acid products where its extremely low foam, ease of handling and effective surface tension lowering will be of a significant interest.	Free

Amphosulfonate						
Product Name	Zone of Production	INCI Name	Physical Form	Solid%/ (Active %)	Properties & Applications	Preservatives
Miranol® JS Conc	USA	Sodium Capryloampho hydroxypropyl sulfonate	Clear Liquid	48-50 (39-41)	Good wetting agent. Stable in highly acidic and alkali media.	Free
Mackam® LS	USA	Sodium Lauro amphohydroxy propylsulfonate	Clear Liquid	40-42 (32-34)	Vegetable derived surfactant with a pure lauric backbone, it provides high foam and excellent foam stability.	Free

Alkyl Betaines						
Product Name	Zone of Production	INCI Name	Physical Form	Solid%/ (Active %)	Properties & Applications	Preservatives
Mackam® CB-35 ULS-HP	USA	Coco Betaine	Clear Liquid	34-36 (27-29)	Particularly useful in systems where salt would cause unacceptable corrosion. It is very stable in both acid and alkaline pH systems. Its high pH serves to make the ingredient hostile to microbial growth	Free
Mackam® LAB	EU	Lauryl Betaine	Clear Liquid	36-38 (29-31)	Low odor, hydrolytically stable and preservative free. It also has great viscosity building properties and is stable in bleach.	Free
Mackam® CET	USA	Cetyl Betaine	Flowable Liquid	33.5-36 (28-30)	Viscosity enhancer used in anionic based cleaners. It can be used to improve the detergency of heavy duty cleaners. It is kept fluid through the addition of ethanol.	Free
Mackam® BW 139	USA	Octyl Betaine	Clear Liquid	48-52 (40)	An effective hydrotrope to couple nonionic surfactants into high electrolyte systems. It can tolerate up to 25% sodium hydroxide and is a modest foamer. Mackam BW-139 will not hydrolyze, even in strong mineral acids. It is useful for producing highly built cleaners with good detergency and high cloud points.	Free
Mackam® TM	USA	Dihydroxyethyl Tallow Glycinate	Viscous Liquid	39-43 (34-38)	Thickening and cleansing agent useful in oven cleaners and acid bowl cleaners. Low levels will thicken mineral acids such as Hydrochloric Acid.	Free

Alkyl Amidopropyl Betaines						
Product Name	Zone of Production	INCI Name	Physical Form	Solid%/ (Active %)	Properties & Applications	Preservatives
Mackam® OAB	USA	Capryl amidopropyl Betaine	Clear Liquid	36-38 (30-31)	Low foaming hydrotrope to couple nonionic surfactants into systems containing moderate amounts of electrolyte. The product provides good detergency in systems that require high cloud points.	Free
Mackam® 810AB	USA	Capryl amidopropyl Betaine and Capramidopropyl Betaine	Clear Liquid	41-45	It acts as an effective hydrotrope and moderate foaming detergent. It will lower the haze point of detergent formulations and couple nonionic surfactants into systems containing moderate amounts of electrolyte. Moderate foaming surfactant that provides good detergency in alkaline or acidic hard surface cleaners.	Free
Mackam® 35 Mirataine® BET C30	AP, USA, EU	Cocamidopropyl Betaine	Clear Liquid	35-37 (28-30)	Preservative free economical foaming agent that is useful in liquid dishwash. Stable in 20% sodium hydroxide solution when solubilized with small amounts of hydrotropes.	Various/ Free
Mackam® 35UL	USA, EU	Cocamidopropyl Betaine	Clear Liquid	35-37 (28-30)	A cost effective light colored grade with no unsaturation with outstanding viscosity building and foam boosting properties.	DMDM Hydantoin

### Alkanolamides

Product Name	Zone of Production	INCI Name	Physical Form	Solid%/ (Active %)	Properties & Applications	Preservatives
Fentacare CMMEA	AP	Coco methyl MEA	Liquid	99	A non-ionic alkyl alkanolamide which can be used in a wide variety of formulated products. Its viscosity building and foam boosting properties make it an excellent additive in formulations such as soap bar, liquid detergent, dishwashing and hard surface cleaner. Being a liquid at room temperature, it can disperse easily and does not require heating to incorporate into a formulation.	Free
Alkamide® DC 212/S	AP	Cocamide DEA	Liquid	>98	Foam & viscosity boosting surfactant. Suitable for use together with anionic system for hard surface cleaner and hand dish wash.	Free

Please also refer to Personal Care Segment for full product listing.

### EO/PO Ethoxylates & Block Co Polymers

Product Name	Zone of Production	INCI Name	Physical Form	Cloud Point	Properties & Applications	Preservatives
Antarox® BL 225, BL 225E	USA, EU	Linear Alcohol EO/PO	Liquid	25-29	Excellent hard surface detergency combined with wetting properties at low foam levels. It is stable to acids and soluble in water and most organic solvents except paraffinics. Used as a rinse aid in commercial dishwashing, textiles and in metal cleaning applications. Low foaming at 32°C or higher. BL 225 E is Europe origins	Free
Antarox® BL 240	USA	Linear Alcohol EO/PO	Liquid	38-42	Most water soluble of the BL-200 series. Particularly suited to high temperature cleaning and rinse aids.	Free
Antarox® BL 330	USA	Linear Alcohol E/O-Chlorine Capped	Liquid	28-33	Detergent and wetting agent for rinse aids and defoaming agent for metal cleaning and industrial cleaners. Also used in dairy, bottle washing and steam cleaning applications.	Free
Antarox® LAEP 15	USA	Branched Alcohol EO/PO	Liquid	25-30	Excellent hard surface cleaning with controlled foam. Very free rinsing. Also used in vehicle cleaners.	Free
Antarox® LAEP 16	USA	Branched Alcohol EO/PO	Liquid	59-61	Excellent hard surface cleaning with controlled foam. Very free rinsing.	Free
Antarox® LF 224	USA	Branched Alcohol EO/PO	Liquid	21-26	Used in industrial formulations requiring low foam, dairy and food plant cleaning formulations, ambient temperature spray metal cleaners, mechanical dishwashing and rinse aid formulations, laundry detergents and textile scouring and wetting. Exhibits acid stability.	Free

### Alcohol Ethoxylates

Product Name	Zone of Production	INCI Name	Cloud Point	HLB, Moles of EO	Properties & Applications	Preservatives
Rhodasurf® 91 6	USA	Linear Alcohol Ethoxylate C9-C11	42-48	12.4, 6	Excellent wetting agent and emulsifier for use in household all-purpose cleaners, laundry products, industrial metal cleaners, floor cleaners, wax strippers and car washes. Biodegradability profile make this a good alternative to APE surfactants.	Free
Rhodasurf® 6 NAT	AP	Linear Alcohol Ethoxylate	41-45	12.4, 6	This grade is the all natural carbon source alcohol ethoxylate. Ethylene oxide is derived from sugar cane.	Free
Rhodasurf® L 7/90	USA	Linear Alcohol Ethoxylate	47-58	12.1, 7	Biodegradable wetting and coupling agent and emulsifier for all-purpose cleaners, industrial metal cleaners, wax strippers, detergent sanitizers, detergents and many other applications. Good APE alternative.	Free
Rhodasurf® LA 23/6.5	USA	Linear Alcohol Ethoxylate	53-63	12, 6.5	Biodegradable detergents, wetting agents and emulsifiers for household all-purpose cleaners, laundry products, industrial metal cleaners, dairy cleaners, floor cleaners, wax strippers, detergent sanitizers, car washes and many other applications. Excellent couplers and solubilizers for perfumes and organic additives.	Free
Rhodasurf® LA 3	USA	Linear Alcohol Ethoxylate	59-61	8, 3	Biodegradable detergent, wetting agent and emulsifier for all-purpose cleaners, industrial metal cleaners, wax strippers, detergent sanitizers, and many other applications. Also effective coupling agents. Solubilizers and APE-free alternatives. Rhodasurf LA 985 is 85% active in water.	Free
Rhodasurf® LA 790	USA	Linear Alcohol Ethoxylate C12-15	48-52	12, 7		Free
Rhodasurf® LA 9	USA	Linear Alcohol Ethoxylate	74-78	13.1, 9		Free
Rhodasurf® LA 985	USA	Linear Alcohol Ethoxylate	74-78	13.1, 9		Free



Quats							
Product Name	Zone of Production	INCI Name	Physical Form	Solid%/(Active %)	Properties & Applications	Preservatives	
Mackamine® C8	EU	Octylamine Oxide	Liquid	40-42	Pure octyldimethylamine oxide that provides good wetting and very low foaming characteristics. It is compatible with most surfactants and will not hydrolyze in acid systems; and also stable in highly alkaline and strong electrolyte systems. It is also very light in color.	Free	
Mackamine® C10	EU	Decylamine Oxide	Liquid	40-43	Mackamine C-10 is a pure decylamine oxide that provides detergency with low to moderate foaming properties. It is compatible with most surfactants and will not hydrolyze in acid systems. It is also stable in highly alkaline products.	Free	
Fentacare D0821 50T	AP	Dioctyldimethyl ammonium Chloride (and) Ethanol	Liquid	50	As antiseptic agent and sterilizer for institutional fabric treatment. Broad spectrum bactericidal and fungicidal agent for linen treatment in hospital, hotel and industrial. Can also be used for hard surface cleaner provided there is no anionic surfactants in the formulation.	Free	
Fentacare D0821 80				80			
Fentacare D1021 50	AP	Didecyl dimethyl ammonium Chloride (and) Ethanol	Liquid	50		Free	
Fentacare D1021 70				70			
Fentacare D1021 80				80			
Fentacare 1227 45C12 *	AP	Benzalkonium Chloride	Liquid	45	Antiseptic agent for wide application in home care & institutional cleaner. Can be added to hard surface cleaner such as floor or bath room cleaner, and sprayable disinfectant. *Only for sale in China.	Free	
Fentacare 1227 50C1214 *				50			
Fentacare 1227 80L *				80			
Fentacare 1231 30	AP	Laurtrimonium chloride	Liquid	30	Antistatic agent, softner for textiles and paper products. Also used as antimicrobials, disinfection agents and sanitizers, emulsifying agents, pigment dispersers, detergent sanitisers.	Free	
Fentacare 1231 37				37			
Fentacare 1231 50	AP	Laurtrimonium chloride (and) Ethanol	Liquid	50		Free	
Fentacare 1631 30	AP	Cetrimonium Chloride	Liquid	30		Widely used ingredient which showed a better synergistic thickening and antimicrobial effect on acidic formulation such as toilet bowl cleaner and institutional cleaner.	Free
Fentacare 1631 37.5				37.5			
Fentacare 1631 E 50	AP	Cetrimonium Chloride (and) Ethanol	Liquid	50	Free		
Fentacare 1631 I 50	AP	Cetrimonium Chloride (and) Isopropyl alcohol	Liquid	50	Free		
Fentacare T31 I 50	AP	Tallowtrimonium chloride (and) Isopropyl alcohol	Liquid	50	Antistatic Agent , detergent sanitisers, softner for textiles and paper products. Also used as antimicrobials, disinfection agents, emulsifying agents and pigment dispersers.		Free
Fentacare T31 PG 50	AP	Tallowtrimonium chloride (and) Propylene glycol	Liquid	50		Free	
Fentacare DHT21 E 75	AP	Dihydrogenated tallowdimethyl ammonium chloride (and) Ethanol	Liquid	75	Widely used for fabric softener as anti-static agent. Imparts a luxurious hand feel to textiles. Not compatible with anionics and optical brighteners. Highly substantive, dispersible in warm water.	Free	
Fentacare DHT21 EV 75	AP		Paste	75		Free	
Fentacare DHT21 I 75	AP		Paste	75		Free	

Cationic

Quats						
Product Name	Zone of Production	INCI Name	Physical Form	Solid%/ (Active %)	Properties & Applications	Preservatives
Fentacare 1827 I 75	AP	Octadecyl di methylbenzyl ammonium chloride (and) Isopropyl alcohol	Paste	75	Provide wetting, softening and antistatic to fabric. Also used as antiseptic agent.	Free
Fentacare 1827 75	AP	Octadecyl di methylbenzyl ammonium chloride (and) Ethanol		75		Free
Fentacare 1827 80				80		
Fentacare TEP 88	AP	Di(palmitic carboxyethyl) hydroxyethyl methyl ammonium methyl sulfate (and) Ethanol	Paste	88	Cold dispersible hydrophilic softener, suitable for the production of high actives softener dispersions and formulations. Easy to formulate. Good substantivity and antistatic properties. Not compatible with anionics and optical brighteners. Plant based material with excellent biodegradability.	Free
Fentacare TEP 90				90		
Fentacare PKOS	AP	Laurylamido propyl trimethyl ammonium methylsulfate (and) Ethanol	Solid	85 min	Used as fabric softener, anti static agent. Imparts a good water absorbancy to fabric.	Free

Polyamines						
Product Name	Zone of Production	INCI Name	Physical Form	Solid%/ (Active %)	Properties & Applications	Preservatives
Fentamine DAO V	AP	N-oleyl propane diamine	Liquid	95 min	Used as corrosion inhibition and lubrication agent. Also widely used as lubricating agent to facilitate the contact sliding between solid surfaces and metal conveyor belt for smooth automation of bottling process in beverage/food industry	Free
Fentamine DAO V D	AP		Liquid	95 min		Free
Fentamine DACO	AP	N-coco propane diamine	Liquid	95 min		Free
Fentamine DAT	AP	N-tallow propane diamine	Solid	95 min		Free
Fentamine DAHT	AP	N-hydrogenated tallow propane diamine	Solid	95 min		Free

Rheology modifier						
Product Name	Zone of Production	INCI Name	Physical Form	Solid%/ (Active %)	Properties & Applications	Preservatives
Mackamine® EP-18	EU	Dihydroxyethyl Tallowamine Oxide	Liquid	39-41	Biodegradable amine oxide based on tallowamine plus two moles of ethylene oxide, used to thicken acidic, neutral and alkaline cleaners.	Free
Fentacare 002	AP	Bis (2- Hydroxyethyl) Oleyl amine	Liquid	95 min	Used for acidic formulation such as toilet bowl cleaner and institutional cleaner. Shows synergistic thickening effect with Fentacare 1631. Fentacare T02 is tallow base.	Free
Fentacare T02	AP	Bis (2- Hydroxyethyl) Tallowalkyl amine	Liquid	96 min		Free
Rheozan® SH	EU	Succinoglycan	Fine Powder	100	Efficient thickening polymer for low pH formulations. Can use to thicken and stabilize hydrocolloid giving an aqueous solution of high viscosity and high yield.	Free
Rhodopol® 23	EU	Xanthan gum	Powder	100	Standard grade xanthan gum. Shear thinning and high yield properties with a rapid hydration rate. Thickening agent for liquid gel formulations. Aids in vertical cling in all purpose and bathroom cleaners.	Free
Rhodicare® range	EU	Xanthan gum	Powder	100	Please refer to personal care segment for various grades.	Free

Performance Polymers for Laundry						
Product Name	Zone of Production	INCI Name	Physical Form	Solid%/ (Active %)	Properties & Applications	Preservatives
Repel-O-Tex® Crystal	USA	PET Polymers	Liquid	70	Soil Release Polymer offering anti-graying benefit on polyester fabrics. Designed for nonionic and anionic liquid detergents.	Free
Repel-O-Tex® PB1	USA	Polymers Blend	Liquid	35	Soil Release Polymer offering primary cleaning as well as stain removal on fabrics. It also provides anti-graying on polyester fabrics. Designed for nonionic and anionic low cost powder detergents.	Free
Repel-O-Tex® SF2	USA	PET Polymers	Granular	96	High active soil release polymer for nonionic/anionic powder laundry detergents. Prevents adhesion of soils between washes and soil re-deposition during wash. Repel-O-Tex SF2 has been specifically formulated for improved flowability and lower dust, providing ease of handling.	Free
Repel-O-Tex® SRP 6	USA	PET Polymers	Powder/ Flake	98	Soil Release Polymer offering protection against the adhesion of greasy soils between two wash cycles. 100% active material in powder form.	Free

Performance Polymers for Hard Surface						
Product Name	Zone of Production	INCI Name	Physical Form	Solid%/ (Active %)	Properties & Applications	Preservatives
Mirapol® Surf-S 110	USA	Proprietary Polymer	Liquid	20	Polymer to be used in hard surface cleaners and delivering the following benefits through surface modification: spot free, easy cleaning, water sheeting and fast drying. Surf-S110 is recommended in acid to alkaline systems and Surf-S210 is recommended in neutral to alkaline systems.	Free
Mirapol® Surf-S 210	USA	Proprietary Polymer	Liquid	20		Quaternium-15
Mirapol® Surf-S 480PF	EU	Proprietary Polymer	Liquid	20	Liquid polymer specially designed for Phosphate free Automatic Dish Wash formulations. The hydrophilising polymer provides anti-spotting, anti-streaking and anti-filming benefits allowing improved performance and cost reduction. Mirapol Surf-S Ecograin is designed for the formulation of tablets.	MIT BIT
Mirapol® Surf-S P-free Powder	EU	Proprietary Polymer	Granular	20	Phosphate free hydrophilizing polymer specifically designed for phosphate-free Automatic Dish Wash powder/tab formulations to impart spot-free easy rinsing and to replace the rinse aid.	IPBC, MIT, BIT
Mirapol® Surf-S 500	USA	Proprietary Polymer	Liquid	22	Polymer used in toilet bowl cleaners to enhance performance. Provide soil release & anti-scaling to toilet bowl surface	IPBC

Methylisothiazolinone - MIT  
Methyl Chlorisothiazolinone - CIT  
Benzisothiazolinone - BIT  
Iodopropynyl Butylcarbamate - IPBC

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Alkamide® DC 212/S	Cocamide DEA	9/27
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Alkamuls® 515/V	Glycol Distearate	10
Alkamuls® EGD5 504/V	Glycol Distearate	10
Alkamuls® EGD5 515/V	Glycol Distearate	10
Alkamuls® EGD5 704/V	Glycol Distearate	10
Antarox® BL 225, BL 225E	Linear Alcohol EO/PO	27
Antarox® BL 240	Linear Alcohol EO/PO	27
Antarox® BL 330	Linear Alcohol E/O-Chlorine Capped	27
Antarox® LAEP 15	Branched Alcohol EO/PO	27
Antarox® LAEP 16	Branched Alcohol EO/PO	27
Antarox® LF 224	Branched Alcohol EO/PO	27
Mackam® CAB 818U	Cocamidopropyl Betaine	6
Dermalcare MAP L-130	Laureth-3 Phosphate	5
Dermalcare MAP L-210	Laureth-1 Phosphate	5
Dermalcare MAP L-213/K	Potassium Laureth-1 Phosphate	5
Dermalcare MAP L-213/S	Sodium Laureth-1 Phosphate	5
Fentacare 1227 45C12 *	Benzalkonium Chloride	28
Fentacare 1227 50C1214 *	Benzalkonium Chloride	28
Fentacare 1227 80L *	Benzalkonium Chloride	28
Fentacare 1231 30	Laurtrimonium chloride	28
Fentacare 1231 37	Laurtrimonium chloride	28
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Fentacare 1631 30	Cetrimonium Chloride	10/28
Fentacare 1631 37.5	Cetrimonium Chloride	10/28
Fentacare 1631 70	Cetrimonium Chloride (and) Ethanol	10
Fentacare 1631 E 50	Cetrimonium Chloride (and) Ethanol	10/28
Fentacare 1631 I 50	Cetrimonium Chloride (and) Isopropyl alcohol	10/28
Fentacare 1827 75	Octadecyl di methylbenzyl ammonium chloride (and) Ethanol	29
Fentacare 1827 80	Octadecyl di methylbenzyl ammonium chloride (and) Ethanol	29
Fentacare 1827 I 75	Octadecyl di methylbenzyl ammonium chloride (and) Isopropyl alcohol	29
Fentacare 1831 70	Steartrimonium Chloride (and) Ethanol	10
Fentacare 1831 MS	Steartrimonium Methosulfate (and) Ethanol	11
Fentacare 2231 EF	Behentrimonium chloride (and) Isopropyl alcohol	10
Fentacare 2231MS I 90	Behentrimonium methosulfate (and) Isopropyl alcohol	11
Fentacare BS1214 30	Lauryl/Myristyl betaine	7
Fentacare BTAC DPG 70	Behentrimonium chloride (and) Dipropylene Glycol	10
Fentacare BTMAC I 80	Behentrimonium chloride (and) Isopropyl alcohol	10
Fentacare BTMS 25EF	Behentrimonium methosulfate (and) cetearyl alcohol	11
Fentacare CAPB 37	Cocamidopropyl Betaine	6
Fentacare CAPB UL	Cocamidopropyl Betaine	6
Fentacare CMMEA	Coco methyl MEA	9/27
Fentacare D0821 50T	Diocetyl dimethyl ammonium Chloride (and) Ethanol	28
Fentacare D0821 80	Diocetyl dimethyl ammonium Chloride (and) Ethanol	28
Fentacare D1021 50	Didecyl dimethyl ammonium Chloride (and) Ethanol	28
Fentacare D1021 70	Didecyl dimethyl ammonium Chloride (and) Ethanol	28
Fentacare D1021 80	Didecyl dimethyl ammonium Chloride (and) Ethanol	28
Fentacare DHT21 E 75	Dihydrogenated tallow dimethyl ammonium chloride (and) Ethanol	28
Fentacare DHT21 EV 75	Dihydrogenated tallow dimethyl ammonium chloride (and) Ethanol	28
Fentacare DHT21 I 75	Dihydrogenated tallow dimethyl ammonium chloride (and) Isopropyl alcohol	28
Fentacare 002	Bis(2- Hydroxyethyl) Oleyl amine	30
Fentacare OA 1012	Decyl/Lauryl amine oxide	13
Fentacare OA 12	Lauramine Oxide	13
Fentacare OA 1214	Lauryl/Myristyl amine oxide	13
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Fentacare OA CAPO	Cocamide propylamine Oxide	13
Fentacare PKOS	Laurylamido propyl trimethyl ammonium methylsulfate (and) Ethanol	29
Fentacare T02	Bis(2- Hydroxyethyl) Tallowalkyl amine	30
Fentacare T31 I 50	Tallowtrimonium chloride (and) Isopropyl alcohol	28
Fentacare T31 PG 50	Tallowtrimonium chloride (and) Propylene glycol	28
Fentacare TEP 88	Di(palmitic carboxyethyl) hydroxyethyl methyl ammonium methyl sulfate (and) Ethanol	29
Fentacare TEP 90	Di(palmitic carboxyethyl) hydroxyethyl methyl ammonium methyl sulfate (and) Ethanol	29
Fentacare BS 12	Lauryl Betaine	7
Fentamine DACO	N-coco propane diamine	29
Fentamine DAHT	N-hydrogenated tallow propane diamine	29
Fentamine DAO V	N-oleyl propane diamine	29
Fentamine DAO V D	N-oleyl propane diamine	29
Fentamine DAT	N-tallow propane diamine	29
Geropon® SBFA-30	Disodium Laureth Sulfosuccinate	4
Geropon® SS-0-75/CAN	Diethylhexyl Sodium Sulfosuccinate	24
Geropon® T-77	Sodium Methyl Oleyl Taurate	5
Geropon® TC-42/LQ	Sodium Methyl Cocoyl Taurate	5
Geropon® WS-25I	Sodium Dinonyl Sulfosuccinate	24
Jaguar® C-135	Guar Hydroxypropyl trimonium Chloride	15
Jaguar® C-145	Guar Hydroxypropyl trimonium Chloride	15
Jaguar® C-162	Hydroxypropyl Guar Hydroxy propyltrimonium Chloride	15
Jaguar® C-17	Guar Hydroxypropyl trimonium Chloride	15
Jaguar® C-500	Guar Hydroxypropyl trimonium Chloride	15
Jaguar® Excel	Guar Hydroxypropyl trimonium Chloride	15
Jaguar® HP-105	Hydroxypropyl Guar	16
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Jaguar® HP-60	Hydroxypropyl Guar	16
Jaguar® HP-8 COS	Hydroxypropyl Guar	16
Jaguar® LS	Hydroxypropyl Guar Hydroxypropyl trimonium Chloride	15
Jaguar® S	Cyamopsis Tetragonoloba (Guar) Gum	16
Mackadet® 40-K	Water, Potassium Cocoate	19
Mackadet® 40-K E	Water, Potassium Cocoate	19
Mackadet® BC-51	Water, Coco Betaine, Cocamide MEA	9
Mackadet® BSC	Water, Sodium Laureth Sulfate, Cocamide DEA, Disodium Oleamido MEA Sulfosuccinate, Disodium Cocoampho diacetate, Cocamidopropyl Betaine	20
Mackadet® BSC-NAD	Sodium Laureth Sulfate, Cocamidopropyl Betaine, Disodium Oleamido MEA Sulfosuccinate, Disodium Cocoampho diacetate, Cocamide MEA	20
Mackadet® BSC-ND	Sodium Laureth Sulfate, Disodium Oleamido MIPA Sulfosuccinate, Disodium Cocoampho diacetate, Cocamidopropyl Betaine, PEG-150 Distearate	20
Mackadet® BWC	Water, Sodium Laureth Sulfate, Sodium Lauryl Sulfate, Glycol Distearate, Propylene Glycol, Disodium Oleamido MIPA Sulfosuccinate, Cocamide MEA, Cocamidopropyl Betaine	21
Mackadet® BX-171	PEG-80 Sorbitan Laurate, Cocamidopropyl Betaine, Sodium Trideceth Sulfate, Glycerin, Sodium Lauroampho acetate, PEG 150 Distearate, Sodium Laureth-13 Carboxylate	20
Mackadet® CN-60	Water, PEG-80 Sorbitan Laurate, Sodium Trideceth Sulfate, PEG-150 Distearate, Cocamidopropyl Hydroxysulfate, Sodium Lauro amphoacetate, Sodium Laureth-13 Carboxylate	20
Mackadet® DR-155	Water, Disodium Laureth Sulfo succinate, Sodium Laureth Sulfate, Cocamidopropyl Betaine	21
Mackadet® EQ-112	Water, Cocamidopropyl Betaine, PEG-80 Sorbitan Laurate, Sodium Trideceth Sulfate, PEG-150 Distearate	20
Mackadet® EQ-112K	Water, Cocamidopropyl Betaine, PEG-80 Sorbitan Laurate, Sodium Trideceth Sulfate, PEG-150 Distearate	20

Product Name	INCI Name	Page
Mackadet® EQ-178	Water, Decyl Glucoside, Cocamidopropyl Hydroxysultaine, Cocamidopropyl Betaine, Cocamide MIPA, Disodium Laureth Sulfosuccinate, Disodium Lauryl Sulfosuccinate	19
Mackadet® EQ-70	Deionized Water, PEG-80 Sorbitan Laurate, Cocamidopropyl Betaine, Sodium Trideceth Sulfate, Sodium Lauro amphoacetate, PEG 150 Distearate, Sodium Laureth-13 Carboxylate	20
Mackadet® OPR-1	Water, Glycol Distearate, Cocamidopropyl Betaine, Glyceryl Stearate	18
Mackadet® PC-40	Water, Cocamide MEA, Sodium Coco amphopropionate	9
Mackadet® SFC-1	Water, Disodium Lauryl Sulfosuccinate, Sodium Lauroampho hydroxypropyl sulfonate, Cocamidopropyl Hydroxysultaine, Cocamide MIPA, Decyl Glucoside, Cocamidopropyl Betaine	19
Mackadet® BSC-SPECIAL	Sodium Laureth Sulfate, Disodium Cocoampho diacetate, Disodium Oleamido MEA Sulfosuccinate, Cocamidopropyl Betaine, Cocamide DEA	20
Mackalene® 316	Stearamidopropyl Dimethylamine Lactate	11
Mackalene® 326	Stearamidopropyl Morpholine Lactate	11
Mackalene® 326B	Stearamidopropyl Morpholine Lactate	11
Mackalene® 426	Isostearamido propyl Morpholine Lactate	11
Mackalene® 426 K	Isostearamido propyl Morpholine Lactate	11
Mackalene® 426-100	Isostearamido propyl Morpholine Lactate	11
Mackam® CBS-50G	Cocamidopropyl Hydroxysultaine	25
Mackam® 1C	Sodium Coco amphoacetate	8
Mackam® 1CB	Sodium Cocoabutter amphoacetate	8
Mackam® 1CB-E	Sodium Cocoabutter amphoacetate	8
Mackam® 1L	Sodium Lauro amphoacetate	8
Mackam® 2C	Disodium Coco amphodiacetate	8
Mackam® 2C-75	Disodium Coco amphodiacetate	8/25
Mackam® 2CSF	Disodium Cocoampho dipropionate	24
Mackam® 2CSF-40CG	Disodium Cocoampho dipropionate	8/24
Mackam® 2CY 75	Disodium Capryloampho dipropionate	25
Mackam® 2CY 75	Disodium Capryloyl amphodiacetate	8
Mackam® 2CVSF	Disodium Caprylo dipropionate	24
Mackam® 2MHT-II	Water, Disodium Lauroampho diacetate, Sodium Trideceth Sulfate, Isopropyl Alcohol	21
Mackam® 2S	Disodium Soy amphodiacetate	8
Mackam® 2W	Disodium Wheatgerm amphodiacetate	8
Mackam® 35	Cocamidopropyl Betaine	6
Mackam® 35 Mirataine® BET C30	Cocamidopropyl Betaine	26
Mackam® 35HP Mirataine® with glycerin, CB	Cocamidopropyl Betaine	6
Mackam® 35UL	Cocamidopropyl Betaine	6/26
Mackam® 50-SB	Cocamidopropyl Hydroxysultaine	7/25
Mackam® 50UL	Cocamidopropyl Betaine	6
Mackam® 50ULT	Cocamidopropyl Betaine	6
Mackam® 810AB	Caprylamidopropyl Betaine and Capramidopropyl Betaine	26
Mackam® BAB	Babassuamido propyl Betaine	6
Mackam® BAB E	Babassuamido propyl Betaine	6
Mackam® BW 139	Octyl Betaine	26
Mackam® C 37, C 37 HP	Cocamidopropyl Betaine	6
Mackam® CAB 818B	Cocamidopropyl Betaine	6
Mackam® CAB-818, CAB 818U	Cocamidopropyl Betaine	6
Mackam® CB-35	Coco Betaine	7
Mackam® CB-35 ULS-HP	Coco Betaine	7/26
Mackam® CBS-50G	Cocamidopropyl Hydroxysultaine	7
Mackam® CBS-50GE	Cocamidopropyl Hydroxysultaine	7
Mackam® CET	Cetyl Betaine	7/26
Mackam® CSF-CG Mackam® CSF	Sodium Cocoampho dipropionate	8
Mackam® DAB	Lauramidopropyl Betaine	6
Mackam® DAB-ULS	Lauramidopropyl Betaine	6
Mackam® DH-13KS	Cocamidopropyl Betaine	6
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Mackam® HPC 32L	Sodium Coco amphoacetate	8
Mackam® HPC-32	Sodium Coco amphoacetate	8
Mackam® HPL-28	Sodium Lauro amphoacetate	8
Mackam® J	Cocamidopropyl Betaine	6
Mackam® JF, JFS	Cocamidopropyl Betaine	6
Mackam® JFF	Cocamidopropyl Betaine	6
Mackam® LAB	Lauryl Betaine	7/26
Mackam® LB-35	Lauryl Betaine	7
Mackam® LHS	Lauryl Hydroxysultaine	7
Mackam® LHS, LHS-E	Lauryl Hydroxysultaine	25
Mackam® LHS-E	Lauryl Hydroxysultaine	7
Mackam® LMB, LMB-K	Lauramidopropyl Betaine	6
Mackam® LS	Sodium Lauro amphosulfonate	7
Mackam® LS	Sodium Lauro amphohydroxy propylsulfonate	25
Mackam® LSB-50	Lauramidopropyl Hydroxysultaine	7/25
Mackam® MEJ	Mixed C-8 Ampho carboxylates	24
Mackam® OAB	Caprylamidopropyl Betaine	26
Mackam® ODP-45M	Disodium Ethylhexylimino dipropionate	24
Mackam® OIP-40	Disodium Ethylhexylimino dipropionate	24
Mackam® SFB-E, SFB	Coco/Sunfloweramidopropyl Betaine	6
Mackam® TM	Dihydroxyethyl Tallow Glycinate	26
Mackam® WGB	Wheatgerm amidopropyl Betaine	6
Mackamide® AME 75, AME 100	Acetamide MEA	9
Mackamide® C, CS, CS-5	Cocamide DEA	9
Mackamide® C-5	Cocamide DEA	9
Mackamide® CMA	Cocamide MEA	9
Mackamide® CPA	Cocamide MIPA	9
Mackamide® L5, L10, LLM	Lauramide DEA	9
Mackamide® L95	Lauramide DEA	9
Mackamide® LAME-100	Acetamide MEA, Lactamide MEA	9
Mackamide® LME	Lactamide MEA	9
Mackamide® LMM	Lauramide MEA	9
Mackamide® LOL	Linoleamide DEA	9
Mackamide® LPA	Lauramide MIPA	9
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Mackamide® SMV	Stearamide MEA	9
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Mackamine® C-14 E	Myristamine Oxide	13
Mackamine® C8	Octylamine Oxide	28
Mackamine® CAO	Cocamido propylamine Oxide	13
Mackamine® CAO E	Cocamido propylamine Oxide	13
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Mackamine® CS, CSM, CG	Cocamine Oxide	13
Mackamine® EP-18	Dihydroxyethyl Tallowamine Oxide	30
Mackamine® LA	Lauramine Oxide	13
Mackamine® LAO	Lauramido propylamine Oxide	13
Mackamine® LMDO	Lauryl/myristyl amidopropyl amine oxide	13
Mackamine® LO	Lauramine Oxide	13
Mackamine® LO E	Lauramine Oxide	13
Mackamine® LO S	Lauramine Oxide	13
Mackamine® MY	Myristamine Oxide	13
Mackamine® SO	Stearamine Oxide	13
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Mackanate® DOS-75	Diethylhexyl Sodium Sulfosuccinate	24
Mackanate® EL Series	Disodium Laureth Sulfosuccinate	4
Mackanate® ELBA	Disodium Laureth Sulfosuccinate	4
Mackanate® LO	Disodium Lauryl Sulfosuccinate	4
Mackanate® LO-100	Disodium Lauryl Sulfosuccinate	4
Mackanate® LO-K	Disodium Lauryl Sulfosuccinate	4
Mackanate® OM	Disodium Oleamido MEA Sulfosuccinate	4
Mackanate® OPSV	Disodium Oleamido MIPA Sulfosuccinate	4
Mackanate® OPVN	Disodium Oleamido MIPA Sulfosuccinate	4
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Macknate® WGD	Disodium Wheatgermamide PEG-2 Sulfosuccinate	4
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Mackernium® 007B	Polyquaternium-7	14
Mackernium® 007N	Polyquaternium-7	14
Mackernium® 007S	Polyquaternium-7	14
Mackernium® 25 NA	Stearalkonium Chloride	10
Mackernium® CC-112P9	isosteamido propyl Ethyldimonium Ethosulfate (and) PEG-9	11
Mackernium® KP	Olealkonium Chloride	10
Mackernium® SDC-25	Stearalkonium Chloride	10
Mackernium® SDC-85	Stearalkonium Chloride	10
Mackernium® SFES	Sunflowerseed amidopropyl Ethyldimonium Ethosulfate (and) PEG-9	11
Mackine® 301	Stearamidopropyl Dimethylamine	11
Mackine® 601	Behenamidopropyl Dimethylamine	11
Mackol® CAS-100N	Sodium Coco Sulfate	3
Mackpearl® DR-140	Water, Glycol Distearate, Cocamidopropyl Betaine, Cocamide MEA, Sodium Laureth Sulfate	18
Mackpearl® EQ 99	Glycol Stearate, Cocamidopropyl Betaine, Sodium Laureth Sulfate	18
Mackpearl® HG-178	Glycol Distearate, Sodium Laureth Sulphate, Cocamide MEA, Laureth 10	18
Mackpearl® SSO Special	Sodium Laureth Sulphate, Glycol Distearate, Cocamide MEA	18
Mackpearl® TTE	Glycol Disterate, Laureth-4, Cocamidopropyl Betaine	18
Mackpro® KLP	Quaternium-79 Hydrolyzed Keratin	12
Mackpro® NSP	Quaternium-79 Hydrolyzed Silk	12
Mackpro® WLW	Wheatgerm amidopropyl Dimethylamine Hydrolyzed Wheat Protein	12
Mackpro® WWP	Wheatgerm amidopropyl Dimethylamine Hydrolyzed Wheat Protein	12
Mackproplus® RICE C	Cocodimonium Hydroxypropyl Hydrolyzed Rice Protein	12
Mackproplus® SILK C	Cocodimonium Hydroxypropyl Hydrolyzed Silk	12
Mackproplus® WHEAT C	Cocodimonium Hydroxypropyl Hydrolyzed Wheat Protein	12
Miracare® 2MCA	Water, Disodium Cocoampho diacetate, Sodium Lauryl Sulfate, Hexylene Glycol	21
Miracare® 2MHT	Water, Disodium Lauroamphodiacetate, Sodium Trideceth Sulfate, Hexylene Glycol	21
Miracare® BT	Water, Disodium Lauroampho diacetate, Sodium Trideceth Sulfate, Isopropyl Alcohol	21
Miracare® MAP 2K14	Water, Lauric Acid, Myristic Acid, Potassium Laureth Phosphate, Cocamidopropyl Betaine, Sodium Cocoampho acetate, Potassium Hydroxide	21
Miracare® MHT	Water, Sodium Lauroampho acetate, Sodium Trideceth Sulfate, Isopropanol	21
Miracare® MSB	Water, Lauric Acid, Myristic Acid, Cocamido propyl Betaine, Sodium Coco amphoacetate, Potassium Hydroxide, Glycerine	21
Miracare® Plaisant	Water, Sodium Cocoyl Isethionate, Sodium Lauro amphoacetate, Sodium Methyl Cocoyl Taurate	19
Miracare® SLB 365W	Water, Sodium Trideceth Sulfate, Sodium Lauro amphoacetate, Cocamide MEA	19
Miracare® SLB-365/N	Water, Sodium Trideceth Sulfate, Sodium Lauro amphoacetate, Cocamide MEA	19
Miracare® UM-140	Water, Sodium Cocoyl Isethionate, Sodium Lauro amphoacetate, Sodium Methyl Cocoyl Taurate	21
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Miranate® LEC-80	Sodium Laureth-13 Carboxylate	5
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Miranol® BM Conc	Disodium Lauro amphodiacetate	25
Miranol® C2M Conc NP	Disodium Coco amphodiacetate	8/25
Miranol® C2M Conc SF	Disodium Cocoampho dipropionate	8/24
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Miranol® FBS	Disodium Cocoampho dipropionate	24
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Sodium C14-16 Olefin Sulfonate	Rhodacal® LSS-40/RL	5
Sodium Coco ampoacetate	Miranol® Ultra C32	25
Sodium Coco Sulfate	Mackol® CAS-100N	3
Sodium Dinonyl Sulfosuccinate	Geropon® WS-25I	24
Sodium Laureth Sulfate	Rhodapex® 3N70	3
Sodium Laureth Sulfate	Rhodapex® ES Series	3/23
Sodium Laureth Sulfate	Rhodapex® ESA-70/MU	3
Sodium Laureth Sulfate	Rhodapex® ESB-70/FEA	3
Sodium Laureth Sulfate	Rhodapex® ESB-70/MU	3
Sodium Laureth Sulfate	Rhodapex® ESB-70/MX	3
Sodium Laureth Sulfate	Rhodapex® ESB-70/NAT	3
Sodium Laureth Sulfate	Rhodapex® ESC-70/MU	3
Sodium Laureth Sulfate	Rhodapex® N70K	3
Sodium Laureth Sulfate, Cocamide DEA, Disodium Oleamido MEA Sulfosuccinate, Disodium Cocoampho diacetate, Cocamidopropyl Betaine	Mackadet® BSC	20
Sodium Laureth Sulfate, Disodium Cocoampho diacetate, Disodium Oleamido MEA Sulfosuccinate, Cocamidopropyl Betaine, Cocamide DEA	Mackadet® BSC-SPECIAL	20
Sodium Laureth Sulfate, Disodium Oleamido MIPA Sulfosuccinate, Disodium Cocoampho diacetate, Cocamidopropyl Betaine, PEG-150 Distearate	Mackadet® BSC-ND	20
Sodium Laureth Sulphate, Glycol Distearate, Cocamide MEA	Mackpearl® SSO Special	18
Sodium Laureth-1 Phosphate	Dermalcare MAP L-213/S	5
Sodium Laureth-13 Carboxylate	Miranate LEC-80	5
Sodium Lauro ampoacetate	Miranol® Ultra L32	25
Sodium Lauro amphohydroxy propylsulfonate	Mackam® LS	25
Sodium Lauryl Sulfate	Rhodapon® L Series	3/23
Sodium Lauryl Sulfate	Rhodapon® LS 92 RN	3
Sodium Lauryl Sulfate	Rhodapon® LS 94 RP	3
Sodium Lauryl Sulfate	Rhodapon® SB-8208/S STD	3

Product Name	INCI Name	Page
Sodium Methyl Cocoyl Taurate	Geropon® TC-42/LQ	5
Sodium Methyl Cocoyl Taurate	Geropon® T-77	5
Sodium Stearo ampoacetate	Miranol® DM	25
Sodium Trideceth Sulfate	Rhodapex® EST-30/SBL	3
Sodium 2-Ethylhexyl Sulfate	Rhodapon® B05 STD	23
Sodium 2-Ethylhexyl Sulfate	Rhodapon® B05-W	23
Sodium Cacimino dipropionate	Mackam® DP-122	24
Sodium Capryloampho hydroxypropyl sulfonate	Miranol® JS Conc	25
Sodium Coco ampoacetate	Mackam® 1C	8
Sodium Coco ampoacetate	Mackam® HPC 32L	8
Sodium Coco ampoacetate	Mackam® HPC-32	8
Sodium Coco ampoacetate	Miranol® Ultra C32	8
Sodium Coco ampoacetate	Miranol® Ultra C37	8
Sodium Cocobutter ampoacetate	Mackam® 1CB	8
Sodium Cocobutter ampoacetate	Mackam® 1CB-E	8
Sodium Cocoampho dipropionate	Mackam® CSF-CG Mackam® CSF	8
Sodium Dodecylbenzene Sulfonate	Rhodacal® LDS-50/M	23
Sodium Laureth Sulfate, Cocamidopropyl Betaine, Disodium Oleamido MEA Sulfosuccinate, Disodium Cocoampho diacetate, Cocamide MEA	Mackadet® BSC-NAD	20
Sodium Laurimino dipropionate	Mirataine® H2C-HA	24
Sodium Lauro ampoacetate	Mackam® 1L	8
Sodium Lauro ampoacetate	Mackam® HPL-28	8
Sodium Lauro ampoacetate	Miranol® HMA	8
Sodium Lauro ampoacetate	Miranol® HMD	8
Sodium Lauro ampoacetate	Miranol® Ultra L32	8
Sodium Lauro amposulfonate	Mackam® LS	7
Soyamide DEA	Mackamide® S	9
Stearalkonium Chloride	Mackernium® 25 NA	10
Stearalkonium Chloride	Mackernium® SDC-25	10
Stearalkonium Chloride	Mackernium® SDC-85	10
Stearamide MEA	Mackamide® SMV	9
Stearamidopropyl Dimethylamine	Mackine® 301	11
Stearamidopropyl Dimethylamine Lactate	Mackalene® 316	11
Stearamidopropyl Morpholine Lactate	Mackalene® 326	11
Stearamidopropyl Morpholine Lactate	Mackalene® 326B	11
Stearamine Oxide	Mackamine® 50	13
Steartrimonium Chloride (and) Ethanol	Fentacare 1831 70	10
Steartrimonium Methosulfate (and) Ethanol	Fentacare 1831MS	11
Succinoglycan	Rheozan® SH	16/30
Sunflowerseed amidopropyl Ethyldimonium Ethosulfate (and) PEG-9	Mackernium® SFES	11
Tallowtrimonium chloride (and) Isopropyl alcohol	Fentacare T31 I 50	28
Tallowtrimonium chloride (and) Propylene glycol	Fentacare T31 PG 50	28
Triethanolamine Dodecylbenzene Sulfonate	Rhodacal® TS-60/MX	23
Triethanolamine Lauryl Sulfate	Rhodapon® TL-40/A	3
Water, Cocamide MEA, Sodium Coco amphopropionate	Mackadet® PC-40	9
Water, Disodium Cocoampho diacetate, Sodium Lauryl Sulfate, Hexylene Glycol	Miracare® 2MCA	21
Water, Disodium Laureth Sulfosuccinate, Sodium Laureth Sulfate, Cocamidopropyl Betaine	Mackadet® DR-155	21
Water, Disodium Lauroampho diacetate, Sodium Trideceth Sulfate, Hexylene Glycol	Miracare® 2MHT	21
Water, Disodium Lauroampho diacetate, Sodium Trideceth Sulfate, Isopropyl Alcohol	Mackam® 2MHT-II	21
Water, Disodium Lauroampho diacetate, Sodium Trideceth Sulfate, Isopropyl Alcohol	Miracare® BT	21
Water, Disodium Lauryl Sulfosuccinate, Sodium Lauroampho hydroxypropyl sulfonate, Cocamidopropyl Hydroxysultaine, Cocamide MIPA, Decyl Glucoside, Cocamidopropyl Betaine	Mackadet® SFC-1	19
Water, Glycol Distearate, Ammonium Laureth Sulfate, Ammonium Lauryl Sulfate, Ammonium Xylene Sulfonate, Cocamide MEA	Mirasheen® A-220	18
Water, Glycol Distearate, Cocamidopropyl Betaine, Cocamide MEA, Sodium Laureth Sulfate	Mackpearl® DR-140	18
Water, Glycol Distearate, Cocamidopropyl Betaine, Glyceril Stearate	Mackadet® OPR-1	18

Product Name	INCI Name	Page
Water, Glycol Distearate, Sodium Laureth Sulfate, Myristyl Alcohol, Cocamidopropyl Betaine	Mirasheen® Star K	18
Water, Glycol Distearate, Sodium Laureth Sulfate, Myristyl Alcohol, Cocamidopropyl Betaine	Mirasheen® Star NB	18
Water, Glycol Distearate, Sodium Laureth Sulfate, Cocamidopropyl Betaine, Sodium Coco amphoacetate, Laureth-7	Mirasheen® CP 820/G	18
Water, PEG-80 Sorbitan Laurate, Sodium Trideceth Sulfate, PEG-150 Distearate, Cocamidopropyl Hydroxysultaine, Sodium Lauro amphoacetate, Sodium Laureth-13 Carboxylate	Mackadet® CN-60	20
Water, Sodium Cocoyl Isethionate, Sodium Lauro amphoacetate, Sodium Methyl Cocoyl Taurate	Miracare® Plaisant	19
Water, Sodium Cocoyl Isethionate, Sodium Lauro amphoacetate, Sodium Methyl Cocoyl Taurate	Miracare® UM-140	21
Water, Sodium Laureth Sulfate, Sodium Lauryl Sulfate, Glycol Distearate, Propylene Glycol, Disodium Oleamido MIPA Sulfosuccinate, Cocamide MEA, Cocamidopropyl Betaine	Mackadet® BWC	21
Water, Sodium Lauro amphoacetate, Sodium Trideceth Sulfate, Isopropanol	Miracare® MHT	21
Water, Sodium Trideceth Sulfate, Sodium Lauro amphoacetate, Cocamide MEA	Miracare® SLB 365W	19
Water, Sodium Trideceth Sulfate, Sodium Lauro amphoacetate, Cocamide MEA	Miracare® SLB-365/G	19
Water, Sodium Trideceth Sulfate, Sodium Lauro amphoacetate, Cocamide MEA	Miracare® SLB-365/N	19
Water, Cocamidopropyl Betaine, PEG-80 Sorbitan Laurate, Sodium Trideceth Sulfate, PEG-150 Distearate	Mackadet® EQ-112	20
Water, Cocamidopropyl Betaine, PEG-80 Sorbitan Laurate, Sodium Trideceth Sulfate, PEG-150 Distearate	Mackadet® EQ-112K	20
Water, Coco Betaine, Cocamide MEA	Mackadet® BC-51	9
Water, Decyl Glucoside, Cocamidopropyl Hydroxysultaine, Cocamidopropyl Betaine, Cocamide MIPA, Disodium Laureth Sulfosuccinate, Disodium Lauryl Sulfosuccinate	Mackadet® EQ-178	19
Water, Dimethicone, Laureth-8, Succinoglycan	Mirasil® DME-2 KCG	17
Water, Dimethicone, Laureth-8, Succinoglycan	Mirasil® DME-30 KCG	17
Water, Dimethicone, Polyquaternium-74, Laureth-7	Polycare® Boost	14
Water, Lauric Acid, Myristic Acid, Potassium Laureth Phosphate, Cocamidopropyl Betaine, Sodium Cocoampho acetate, Potassium Hydroxide	Miracare® MAP 2K14	21
Acid, Myristic Acid, Cocamidopropyl Betaine, Sodium Cocoamphoacetate, Potassium Hydroxide, Glycerine	Miracare® MSB	21
Water, Potassium Cocoate	Mackadet® 40-K	19
Water, Potassium Cocoate	Mackadet® 40-K E	19
Wheatgerm amidopropyl Dimethylamine Hydrolyzed Wheat Protein	Mackpro® WLW	19
Wheatgerm amidopropyl Dimethylamine Hydrolyzed Wheat Protein	Mackpro® WWP	12
Wheatgerm amidopropyl Betaine	Mackam® WGB	6
Xanthan gum	Rhodicare® CFT	16
Xanthan gum	Rhodicare® D	16
Xanthan gum	Rhodicare® H	16
Xanthan gum	Rhodicare® range	30
Xanthan gum	Rhodicare® S	16
Xanthan gum	Rhodicare® T	16
Xanthan gum	Rhodicare® XC	16
Xanthan gum	Rhodopol® 23	30



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