

# THE WHOLE HOME

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home care ingredients from innospec



innospec 

Home Care from Innospec offers a diverse range of surfactants, additives and patented high-performance formulations for use in everyday cleaning products. Both our naturally derived and synthetic ingredients find their way into a variety of products from laundry liquids, pods, powders and tablets to dish care products, toilet care and multi-purpose cleaners.

Innospec are committed to continual innovation and developing products that contribute to a sustainable environment. Add in our extensive formulation expertise, market understanding, comprehensive product line-up and excellent customer support and it's not surprising our technologies are behind some of the world's most popular cleaning brands.

Whether you are looking for a fresh and breezy laundry detergent, squeaky-clean dish washer or a practical and functional household cleaning product, you can be sure the Innospec Home Care range will treat the whole home effectively.

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Product Name	INCI Name	% Naturally derived	% active	Appearance at room temperature	C-chain length	Features	Foam (soft water)				pH		Performance characteristics								Main application areas					Additional characteristics						
							Foam booster	Flash foam	Stable foam	Low foam	Acid stable	Alkaline stable	Viscosity booster	Detergency	Wetting	Emulsification	Degreasing	Electrolyte tolerant	Hard water tolerant	Bleach compatibility	Cold temperature compatibility	Manual dishwash	Automatic dishwash	Surface care	Toilet care	Laundry	Car care	MB/RSPO certified	Ecolabel	Label free on product as is	Corrosive-symbol free	
EMPICOL® 0045/B	Sodium Lauryl Sulfate	Non-vegetable*	92	Powder	C12	Primary anionic surfactant. Very good foaming and detergency especially in soft water. Good emulsifying properties.																									C	EMPICOL® 0045/B
EMPICOL® CZ/N	Sodium Coco Sulfate	100	92	Powder	C12-18	Primary anionic surfactant. Very good foaming and detergency especially in soft water. Good emulsifying properties. Low free alkalinity level.																									C	EMPICOL® CZ/N
EMPICOL® LX/B	Sodium Lauryl Sulfate	100	92	Powder	C12-16	Primary anionic surfactant. Very good foaming and detergency especially in soft water. Good emulsifying properties.																									C	EMPICOL® LX/B
EMPICOL® LX/B/MB	Sodium Lauryl Sulfate	100	92	Powder	C12-16	Mass Balance RSPO Certified. Primary anionic surfactant. Very good foaming and detergency especially in soft water. Good emulsifying properties.																									C	EMPICOL® LX/B/MB
EMPICOL® LX/N	Sodium Lauryl Sulfate	100	92	Powder	C12-16	Primary anionic surfactant. Very good foaming and detergency especially in soft water. Good emulsifying properties. Low free alkalinity level.																									C	EMPICOL® LX/N
EMPICOL® LXV/B	Sodium Lauryl Sulfate	100	92	Needles	C12-16	Primary anionic surfactant. Very good foaming and detergency especially in soft water. Good emulsifying properties.																									C	EMPICOL® LXV/B
EMPICOL® LXV/N	Sodium Lauryl Sulfate	100	92	Needles	C12-16	Primary anionic surfactant. Very good foaming and detergency especially in soft water. Good emulsifying properties. Low free alkalinity level.																									C	EMPICOL® LXV/N
EMPICOL® LZ/B	Sodium Lauryl Sulfate	100	92	Powder	C12-18	Primary anionic surfactant. Very good foaming and detergency especially in soft water. Good emulsifying properties.																								C	C	EMPICOL® LZ/B
EMPICOL® LZ/N	Sodium Lauryl Sulfate	100	92	Powder	C12-18	Primary anionic surfactant. Very good foaming and detergency especially in soft water. Good emulsifying properties. Low free alkalinity level.																								C	C	EMPICOL® LZ/N
EMPICOL® LZ/N/MB	Sodium Lauryl Sulfate	100	92	Powder	C12-18	Mass Balance RSPO Certified. Primary anionic surfactant. Very good foaming and detergency especially in soft water. Good emulsifying properties. Low free alkalinity level.																								C	C	EMPICOL® LZ/N/MB
EMPICOL® LZV/B	Sodium Lauryl Sulfate	100	92	Needles	C12-18	Primary anionic surfactant. Very good foaming and detergency especially in soft water. Good emulsifying properties.																								C	C	EMPICOL® LZV/B
EMPICOL® LZV/B/MB	Sodium Lauryl Sulfate	100	92	Needles	C12-18	Mass Balance RSPO Certified. Primary anionic surfactant. Very good foaming and detergency especially in soft water. Good emulsifying properties.																								C	C	EMPICOL® LZV/B/MB
EMPICOL® LZV/BE	Sodium Lauryl Sulfate	100	92	Needles	C12-18	Primary anionic surfactant. Very good foaming and detergency especially in soft water. Good emulsifying properties. Optimized physical form for an improved product handling.																								C	C	EMPICOL® LZV/BE
EMPICOL® LZV/BEP	Sodium Lauryl Sulfate	100	92	Needles	C12-18	Primary anionic surfactant. Very good foaming and detergency especially in soft water. Good emulsifying properties. Optimized physical form for an improved product handling.																								C	C	EMPICOL® LZV/BEP

Non-vegetable\* = naturally derived grade may also be available upon request  
 C - Specific Concentration Limit



Product Name	INCI Name	% Naturally derived	% active	Appearance at room temperature	C-chain length	Features	Foam (soft water)				pH		Performance characteristics								Main application areas						Additional characteristics											
							Foam booster	Flash foam	Stable foam	Low foam	Acid stable	Alkaline stable	Viscosity booster	Detergency	Wetting	Emulsification	Degreasing	Electrolyte tolerant	Hard water tolerant	Bleach compatibility	Cold temperature compatibility	Manual dishwash	Automatic dishwash	Surface care	Toilet care	Laundry	Car care	MB/RSPO certified	Ecolabel	Label free on product as is	Corrosive-symbol free							
EMPIGEN® BB	Lauryl Betaine	76	30	Liquid	C12-14	Amphoteric co-surfactant. Compatible with anionics, non-ionics and cationics. Efficient foam booster and stabiliser. Good tolerance to hard water and soap. Useful thickening properties. Chemically and physically stable over a wide pH range.																																EMPIGEN® BB
EMPIGEN® BB/HP	Lauryl Betaine (Low salt)	76	30	Liquid	C12-14	Amphoteric co-surfactant. Compatible with anionics, non-ionics and cationics. Efficient foam booster and stabiliser. Good tolerance to hard water and soap. Chemically and physically stable over a wide pH range. NaCl content is below 0,5%. Compatible with electrolyte sensitive ingredients.																																EMPIGEN® BB/HP
EMPIGEN® BS/FE	Cocamidopropyl Betaine	66	30	Liquid	C12-18	Amphoteric co-surfactant. Compatible with anionics, non-ionics and cationics. Efficient foam booster and stabiliser. Good tolerance to hard water and soap. Useful thickening properties. Chemically and physically stable over a wide pH range. Methanol and glycerol free.						**																										EMPIGEN® BS/FE
EMPIGEN® BS/FE/MB	Cocamidopropyl Betaine	66	30	Liquid	C12-18	Mass Balance/RSPO certified. Amphoteric co-surfactant. Compatible with anionics, non-ionics and cationics. Efficient foam booster and stabiliser. Good tolerance to hard water and soap. Useful thickening properties. Chemically and physically stable over a wide pH range. Methanol and glycerol free.						**																										EMPIGEN® BS/FE/MB
EMPIGEN® BS/H50	Cocamidopropyl Betaine	66	35	Liquid	C12-18	Amphoteric co-surfactant. Compatible with anionics, non-ionics and cationics. Efficient foam booster and stabiliser. Good tolerance to hard water and soap. Useful thickening properties. Chemically and physically stable over a wide pH range. Higher CAPB content. Free from methanol, glycerol and additives that may give undesired side effects during formulation work.						**																										EMPIGEN® BS/H50
EMPIGEN® BS/H50/MB	Cocamidopropyl Betaine	66	35	Liquid	C12-18	Mass Balance/RSPO certified. Amphoteric co-surfactant. Compatible with anionics, non-ionics and cationics. Efficient foam booster and stabiliser. Good tolerance to hard water and soap. Useful thickening properties. Chemically and physically stable over a wide pH range. Higher CAPB content. Free from methanol, glycerol and additives that may give undesired side effects during formulation work.						**																										EMPIGEN® BS/H50/MB
EMPIGEN® BS/HI	Cocamidopropyl Betaine	66	30	Liquid	C12-18	Amphoteric co-surfactant. Compatible with anionics, non-ionics and cationics. Efficient foam booster and stabiliser. Good tolerance to hard water and soap. Useful thickening properties. Chemically and physically stable over a wide pH range. Methanol and glycerol free. Neutral pH. Preservative: Methylisothiazolinone (and) Benzylisothiazolinone.						**																									○	EMPIGEN® BS/HI

○ - For active ingredient only  
 \*\* - Limited

Product Name	INCI Name	% Naturally derived	% active	Appearance at room temperature	C-chain length	Features	Foam (soft water)				pH		Performance characteristics								Main application areas					Additional characteristics						
							Foam booster	Flash foam	Stable foam	Low foam	Acid stable	Alkaline stable	Viscosity booster	Detergency	Wetting	Emulsification	Degreasing	Electrolyte tolerant	Hard water tolerant	Bleach compatibility	Cold temperature compatibility	Manual dishwash	Automatic dishwash	Surface care	Toilet care	Laundry	Car care	MB/RSPO certified		Ecolabel	Label free on product as is	Corrosive-symbol free
EMPIGEN® CDL 30/J/35	Sodium Lauroamphoacetate	66	35	Liquid	C12	Amphoteric co-surfactant. Compatible with anionic, non-ionic and cationic surfactants. Good quality of foam even with soap and hard water. Outstanding mildness. Potential to form ion-pair complexes and increase performance of cationic surfactants. Foam profile and viscosity response are influenced by pH.						**																			C	EMPIGEN® CDL 30/J/35
EMPIGEN® CDL 60/P	Sodium Lauroamphoacetate	66	35	Liquid	C12	Amphoteric co-surfactant. Compatible with anionic, non-ionic and cationic surfactants. Good quality of foam even with soap and hard water. Outstanding mildness. Potential to form ion-pair complexes and increase performance of cationic surfactants. Foam profile and viscosity response are influenced by pH.						**																		C	EMPIGEN® CDL 60/P	
EMPIGEN® CDR 60	Sodium Cocoamphoacetate	69	40	Liquid	C8-18	Amphoteric co-surfactant. Compatible with anionic, non-ionic and cationic surfactants. Good quality of foam even with soap and hard water. Outstanding mildness. Potential to form ion-pair complexes and increase performance of cationic surfactants. Foam profile and viscosity response are influenced by pH.						**																			EMPIGEN® CDR 60	
EMPIGEN® 5151	Disodium Cocoamphodiacetate	66	50	Liquid	C8-18	Amphoteric co-surfactant. Compatible with anionic, non-ionic and cationic surfactants. Good quality of foam even with soap and hard water. Outstanding mildness. Potential to form ion-pair complexes and increase performance of cationic surfactants. Foam profile and viscosity response are influenced by pH.						**																			EMPIGEN® 5151	
EMPIGEN® 5151/MB	Disodium Cocoamphodiacetate	66	50	Liquid	C12-18	Mass Balance/RSPO certified. Amphoteric co-surfactant. Compatible with anionic, non-ionic and cationic surfactants. Good quality of foam even with soap and hard water. Outstanding mildness. Potential to form ion-pair complexes and increase performance of cationic surfactants. Foam profile and viscosity response are influenced by pH.						**																			EMPIGEN® 5151/MB	
EMPIGEN® CDR 2M	Sodium Cocoamphoacetate (and) Disodium Cocoamphodiacetate	66	50	Liquid	C12-18	Amphoteric co-surfactant. Compatible with anionic, non-ionic and cationic surfactants. Good quality of foam even with soap and hard water. Outstanding mildness. Potential to form ion-pair complexes and increase performance of cationic surfactants. Foam profile and viscosity response are influenced by pH.						**																			EMPIGEN® CDR 2M	
EMPIGEN® CDR 2M/MB	Sodium Cocoamphoacetate (and) Disodium Cocoamphodiacetate	66	50	Liquid	C12-18	Mass Balance/RSPO certified. Amphoteric co-surfactant. Compatible with anionic, non-ionic and cationic surfactants. Good quality of foam even with soap and hard water. Outstanding mildness. Potential to form ion-pair complexes and increase performance of cationic surfactants. Foam profile and viscosity response are influenced by pH.						**																			EMPIGEN® CDR 2M/MB	

C - Specific Concentration Limit  
 \*\* - Limited



Product Name	INCI Name	% Naturally derived	% active	Appearance at room temperature	C-chain length	Features	Foam (soft water)				pH		Performance characteristics									Main application areas					Additional characteristics									
							Foam booster	Flash foam	Stable foam	Low foam	Acid stable	Alkaline stable	Viscosity booster	Detergency	Wetting	Emulsification	Degreasing	Electrolyte tolerant	Hard water tolerant	Bleach compatibility	Cold temperature compatibility	Manual dishwash	Automatic dishwash	Surface care	Toilet care	Laundry	Car care	MB/R/SPO certified	Ecolabel	Label free on product as is	Corrosive-symbol free					
EMPICOL® CVE	Capryleth-6 Carboxylic Acid	Non-vegetable	87	Liquid	C8	Anionic surfactant. Low foaming. Good wetting agent. Highly compatible with electrolytes, oxidizing agents, acid and alkali. Excellent lime scum removal properties.																														EMPICOL® CVE
EMPICOL® CBJ	Laureth-11 Carboxylic Acid	37	86	Liquid	C12-16	Anionic surfactant. High volume and high quality foam profile also in hard water. Good detergency. Good dermatology. Highly compatible with electrolytes, oxidizing agents, acid and alkali. Hydrotropic effect. Excellent lime scum removal properties.																													EMPICOL® CBJ	
EMPICOL® CED 5	Laureth-5 Carboxylic Acid	54	92	Liquid	C12-16	Anionic surfactant. High volume and high quality foam profile also in hard water. Good detergency. Good dermatology. Highly compatible with electrolytes, oxidizing agents, acid and alkali. Excellent lime soap dispersing properties.																													EMPICOL® CED 5	
EMPICOL® CED 5S	Sodium Laureth-5 Carboxylate	54	22	Liquid	C12-16	Anionic surfactant. High volume and high quality foam profile also in hard water. Good detergency. Good dermatology. Highly compatible with electrolytes, oxidizing agents, acid and alkali. Excellent lime soap dispersing properties. Preservative: Methylchloroisothiazolinone (and) Methylisothiazolinone.																													EMPICOL® CED 5S	
EMPICOL® Alkyl Ether Sulfosuccinates and EMPIMIN® Alkyl Sulfosuccinates																																				
EMPICOL® SDD/Y	Disodium Laureth-3 Sulfosuccinate	56	33	Liquid	C12-16	Anionic surfactant exceptionally mild to skin. Used in conjunction with anionic, nonionic and amphoteric surfactants. Good foaming characteristics. Formulating range of pH 5-8. Good tolerance to hard water. Low salt viscosity response. Preservative: Methylchloroisothiazolinone (and) Methylisothiazolinone.																														EMPICOL® SDD/Y
EMPIMIN® OP 70	Diethylhexyl Sodium Sulfosuccinate (and) Propylene Glycol	Non-vegetable	72	Liquid	C8	Anionic surfactant with excellent wetting over a broad temperature range. Excellent emulsification properties. Excellent dispersing effect both in aqueous and non-aqueous dispersions. Good foaming characteristics. Hydrotropic effect. Anti-fog properties on glass and acrylates.																													EMPIMIN® OP 70	
EMPIMIN® OT	Diethylhexyl Sodium Sulfosuccinate (and) Ethanol	Non-vegetable	60	Liquid	C8	Anionic surfactant with excellent wetting over a broad temperature range. Excellent emulsification properties. Excellent dispersing effect both in aqueous and non-aqueous dispersions. Good foaming characteristics. Hydrotropic effect. Anti-fog properties on glass and acrylates.																													EMPIMIN® OT	

Product Name	INCI Name	% Naturally derived	% active	Appearance at room temperature	C-chain length	Features	Foam (soft water)				pH		Performance characteristics								Main application areas					Additional characteristics													
							Foam booster	Flash foam	Stable foam	Low foam	Acid stable	Alkaline stable	Viscosity booster	Detergency	Wetting	Emulsification	Degreasing	Electrolyte tolerant	Hard water tolerant	Bleach compatibility	Cold temperature compatibility	Manual dishwash	Automatic dishwash	Surface care	Toilet care	Laundry	Car care	MB/RSPO certified	Ecolabel	Label free on product as is	Corrosive-symbol free								
EMPIGEN® OB	Lauramine Oxide	86	30	Liquid	C12-14	Cationic surfactant in acidic conditions. Non-ionic in neutral and alkaline systems. Combination with primary anionic surfactants gives excellent detergency. Good thickening and foam boosting properties. Reduces potential irritation of anionics. Chemically stable to acid, alkali and oxidants.																																	EMPIGEN® OB
EMPIGEN® OB/MB	Lauramine Oxide	86	30	Liquid	C12-14	Mass Balance/RSPO certified. Cationic surfactant in acidic conditions. Non-ionic in neutral and alkaline systems. Combination with primary anionic surfactants gives excellent detergency. Good thickening and foam boosting properties. Reduces potential irritation of anionics. Chemically stable to acid, alkali and oxidants.																																	EMPIGEN® OB/MB
EMPIGEN® OD	C12-18 Alkyldimethylamine Oxide	88	30	Liquid	C12-18	Cationic surfactant in acidic conditions. Non-ionic in neutral and alkaline systems. Combination with primary anionic surfactants gives excellent detergency. Good thickening and foam boosting properties. Reduces potential irritation of anionics. Chemically stable to acid, alkali and oxidants. Ideal for thickened bleach systems.																																	EMPIGEN® OD
EMPIGEN® OD/MB	C12-18 Alkyldimethylamine Oxide	88	30	Liquid	C12-18	Mass Balance/RSPO certified. Cationic surfactant in acidic conditions. Non-ionic in neutral and alkaline systems. Combination with primary anionic surfactants gives excellent detergency. Good thickening and foam boosting properties. Reduces potential irritation of anionics. Chemically stable to acid, alkali and oxidants. Ideal for thickened bleach systems.																																	EMPIGEN® OD/MB
EMPIGEN® OH 25	Myristamine Oxide	88	25	Liquid	C14	Cationic surfactant in acidic conditions. Non-ionic in neutral and alkaline systems. Combination with primary anionic surfactants gives excellent detergency. Good thickening and foam boosting properties. Reduces potential irritation of anionics. Chemically stable to acid, alkali and oxidants.																																	EMPIGEN® OH 25
EMPIGEN® OS/A	Cocamidopropyl Amine Oxide	73	30	Liquid	C12-18	Cationic surfactant in acidic conditions. Non-ionic in neutral and alkaline systems. Combination with primary anionic surfactants gives excellent detergency. Good thickening and foam boosting properties. Reduces potential irritation of anionics. Chemically stable to acid and alkali.																																	EMPIGEN® OS/A

Product Name	INCI Name	% Naturally derived	% active	Appearance at room temperature	C-chain length	Features	Foam (soft water)				pH		Performance characteristics								Main application areas					Additional characteristics							
							Foam booster	Flash foam	Stable foam	Low foam	Acid stable	Alkaline stable	Viscosity booster	Detergency	Wetting	Emulsification	Degreasing	Electrolyte tolerant	Hard water tolerant	Bleach compatibility	Cold temperature compatibility	Manual dishwash	Automatic dishwash	Surface care	Toilet care	Laundry	Car care	MB/RSPO certified		Ecolabel	Label free on product as is	Corrosive-symbol free	
EMPIGEN® BAC 50	Benzalkonium Chloride	58	50	Liquid	C12-14	Readily biodegradable cationic surfactant with biocidal properties. Compatible with amphoteric and nonionic surfactants. Incompatible with anionic surfactants. Readily soluble in water, lower alcohols, glycols and glycol ethers. Stable both in acidic and alkaline media. Best efficacy around pH 9. Used in cooling water and swimming pools. Very effective against gram positive bacteria.																											EMPIGEN® BAC 50
EMPIGEN® BAC 80	Benzalkonium Chloride (and) glycol ether	58	80	Liquid	C12-14	Readily biodegradable cationic surfactant with biocidal properties. Compatible with amphoteric and nonionic surfactants. Incompatible with anionic surfactants. Readily soluble in water, lower alcohols, glycols and glycol ethers. Stable both in acidic and alkaline media. Best efficacy around pH 9. Used in cooling water and swimming pools. Very effective against gram positive bacteria.																											EMPIGEN® BAC 80
EMPIGEN® HBC 40	Hydroxyethyl Laurdimonium Chloride	76	40	Liquid	C12-14	Readily biodegradable cationic surfactant compatible with anionics. Improves emulsification, detergency, thickening and foaming. Optimises surface tension reduction. Enables adhesion to some surfaces. Gives some conditioning behaviour.																											EMPIGEN® HBC 40

Product Name	INCI Name	% Naturally derived	% active	Appearance at room temperature	C-chain length	Features	Foam (soft water)				pH		Performance characteristics								Main application areas					Additional characteristics							
							Foam booster	Flash foam	Stable foam	Low foam	Acid stable	Alkaline stable	Viscosity booster	Detergency	Wetting	Emulsification	Degreasing	Electrolyte tolerant	Hard water tolerant	Bleach compatibility	Cold temperature compatibility	Manual dishwash	Automatic dishwash	Surface care	Toilet care	Laundry	Car care	MB/RSPO certified		Ecolabel	Label free on product as is	Corrosive-symbol free	
ACTIVEMOL® Glycerine Carbonate	Hydroxypropylene Carbonate	75	100	Liquid	-	Readily biodegradable, VOC free, non-flammable solvent. Ideal for non-aqueous systems.																											ACTIVEMOL® Glycerine Carbonate

Product Name	INCI Name	% Naturally derived	% active	Appearance at room temperature	C-chain length	Features	Foam (soft water)				pH		Performance characteristics								Main application areas					Additional characteristics							
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ELTESOL® PSC 40	Potassium Cumenesulfonate (and) Sodium Cumenesulfonate	Non-vegetable	40	Liquid	-	Hydrotrope. Non-flammable, non-toxic alternative to solvents. Solubilizing, coupling and viscosity modifying agent, increases the cloud point of non-ionics. Improved cold storage properties.																											ELTESOL® PSC 40
ELTESOL® SC 40	Sodium Cumenesulfonate	Non-vegetable	40	Liquid	-	Hydrotrope. Non-flammable, non-toxic alternative to solvents. Solubilizing, coupling and viscosity modifying agent, increases the cloud point of non-ionics.																											ELTESOL® SC 40
ELTESOL® SC 93	Sodium Cumenesulfonate	Non-vegetable	93	Powder	-	Hydrotrope. Non-flammable, non-toxic alternative to solvents. Solubilizing, coupling and viscosity modifying agent, increases the cloud point of non-ionics.																											ELTESOL® SC 93
ELTESOL® SC Pellets	Sodium Cumenesulfonate	Non-vegetable	88	Pellets	-	Hydrotrope. Non-flammable, non-toxic alternative to solvents. Solubilizing, coupling and viscosity modifying agent, increases the cloud point of non-ionics.																											ELTESOL® SC Pellets
ELTESOL® ST 90	Sodium Toluenesulfonate	Non-vegetable	90	Powder	-	Hydrotrope. Non-flammable, non-toxic alternative to solvents. Solubilizing, coupling and viscosity modifying agent, increases the cloud point of non-ionics.																											ELTESOL® ST 90
ELTESOL® ST 93 Pellets	Sodium Toluenesulfonate	Non-vegetable	93	Pellets	-	Hydrotrope. Non-flammable, non-toxic alternative to solvents. Solubilizing, coupling and viscosity modifying agent, increases the cloud point of non-ionics.																											ELTESOL® ST 93 Pellets
ELTESOL® SX 30	Sodium Xylenesulfonate	Non-vegetable	30	Liquid	-	Hydrotrope. Non-flammable, non-toxic alternative to solvents. Solubilizing, coupling and viscosity modifying agent, increases the cloud point of non-ionics.																											ELTESOL® SX 30
ELTESOL® SX 33	Sodium Xylenesulfonate	Non-vegetable	33	Liquid	-	Hydrotrope. Non-flammable, non-toxic alternative to solvents. Solubilizing, coupling and viscosity modifying agent, increases the cloud point of non-ionics.																											ELTESOL® SX 33
ELTESOL® SX 40	Sodium Xylenesulfonate	Non-vegetable	40	Liquid	-	Hydrotrope. Non-flammable, non-toxic alternative to solvents. Solubilizing, coupling and viscosity modifying agent, increases the cloud point of non-ionics.																											ELTESOL® SX 40
ELTESOL® SX 93	Sodium Xylenesulfonate	Non-vegetable	93	Powder	-	Hydrotrope. Non-flammable, non-toxic alternative to solvents. Solubilizing, coupling and viscosity modifying agent, increases the cloud point of non-ionics.																											ELTESOL® SX 93
ELTESOL® SX Pellets	Sodium Xylenesulfonate	Non-vegetable	88	Pellets	-	Hydrotrope. Non-flammable, non-toxic alternative to solvents. Solubilizing, coupling and viscosity modifying agent, increases the cloud point of non-ionics.																											ELTESOL® SX Pellets





Product Name	INCI Name	% Naturally derived	% active	Appearance at room temperature	C-chain length	Features	Foam (soft water)				pH		Performance characteristics								Main application areas					Additional characteristics						
							Foam booster	Flash foam	Stable foam	Low foam	Acid stable	Alkaline stable	Viscosity booster	Detergency	Wetting	Emulsification	Degreasing	Electrolyte tolerant	Hard water tolerant	Bleach compatibility	Cold temperature compatibility	Manual dishwash	Automatic dishwash	Surface care	Toilet care	Laundry	Car care	MB/RSPO certified		Ecolabel	Label free on product as is	Corrosive-symbol free
<b>EMPILAN® Ethoxylated Alcohols (cont)</b>																																
EMPILAN® KR 6	C9-11 Pareth-6	Non-vegetable	100	Liquid	C9-11	Non-ionic surfactant. Stable over a wide range of pH. Shorter alkyl chain gives greater solubility and tolerance to electrolyte, with very good wetting and excellent foaming power. Ideal for surface cleaning.																										EMPILAN® KR 6
EMPILAN® KR 6/90	C9-11 Pareth-6	Non-vegetable	90	Liquid	C9-11	Non-ionic surfactant. Stable over a wide range of pH. Shorter alkyl chain gives greater solubility and tolerance to electrolyte, with very good wetting and excellent foaming power. Ideal for surface cleaning. Improved cold storage properties.																										EMPILAN® KR 6/90
EMPILAN® KR 8	C9-11 Pareth-8	Non-vegetable	100	Liquid	C9-11	Non-ionic surfactant. Stable over a wide range of pH. Shorter alkyl chain gives greater solubility and tolerance to electrolyte, with good wetting and foaming power. Ideal for surface cleaning.																										EMPILAN® KR 8
EMPILAN® KT 7/80	Deceth-7	Non-vegetable*	80	Liquid	C10	Non-ionic surfactant. Stable over a wide range of pH. Shorter alkyl chain gives greater solubility and tolerance to electrolyte, with good wetting and excellent foaming power. Ideal for surface cleaning. Improved cold storage properties.																										EMPILAN® KT 7/80
EMPILAN® ME10-CN	Coconut Methyl Ester Ethoxylate (10 EO)	39	100	Liquid	C8-18	Non-ionic surfactant. Excellent emulsifier and detergent. Low toxicity (not classified also according the CLP). Lower foaming profile compared to conventional fatty alcohol ethoxylates. It doesn't meet gel phases when diluted in water. Ideal for super-concentrated formulations.																										EMPILAN® ME10-CN
<b>EMPILAN® Fatty Acid Alkanolamides</b>																																
EMPILAN® 2502/MB	Cocamide DEA	77	85	Liquid	C8-18	Mass Balance/RSPO certified. Non-ionic surfactant. Thickening agent. Used to boost stability and volume of foam also in presence of hard water and soap. Useful to solubilize a wide range of perfumes and non-polar compounds. Contains glycerol.						**																			EMPILAN® 2502/MB	
EMPILAN® CIS	Cocamide MIPA	81	95	Flakes	C8-18	Non-ionic surfactant. Thickening agent. Used to boost stability and volume of foam also in presence of hard water and soap. Useful to solubilize a wide range of perfumes and non-polar compounds.						**																			EMPILAN® CIS	
EMPILAN® 2502	Cocamide DEA	77	85	Liquid	C8-18	Non-ionic surfactant. Thickening agent. Used to boost stability and volume of foam also in presence of hard water and soap. Useful to solubilize a wide range of perfumes and non-polar compounds. Contains glycerol.						**																			EMPILAN® 2502	
EMPILAN® CME/T	Cocamide MEA	87	85	Flakes	C8-18	Non-ionic surfactant. Thickening agent. Used to boost stability and volume of foam also in presence of hard water and soap. Useful to solubilize a wide range of perfumes and non-polar compounds. Contains glycerol.						**																			EMPILAN® CME/T	

Non-vegetable\* = naturally derived grade may also be available upon request  
 \*\* - Limited



Product Name	INCI Name	% Naturally derived	% active	Appearance at room temperature	C-chain length	Features	Foam (soft water)				pH		Performance characteristics								Main application areas					Additional characteristics				
							Foam booster	Flash foam	Stable foam	Low foam	Acid stable	Alkaline stable	Viscosity booster	Detergency	Wetting	Emulsification	Degreasing	Electrolyte tolerant	Hard water tolerant	Bleach compatibility	Cold temperature compatibility	Manual dishwash	Automatic dishwash	Surface care	Toilet care	Laundry	Car care	MB/RSPO certified		Ecolabel
<b>LAUREX® Fatty Alcohols</b>																														
LAUREX® CS	Cetearyl Alcohol	100	100	Flakes	C16-18	Primary fatty alcohol. Viscosity, consistency modifier. It helps to give controlled release of active ingredients and perfumes.																								LAUREX® CS
<b>EMPIWAX® Self-Emulsifying waxes</b>																														
EMPIWAX® CL	Cetearyl Alcohol (and) Ceteareth-25	85	100	Flakes	-	Self-emulsifying wax with high electrolyte tolerance, dispersing, thickening and solubilizing properties.																								EMPIWAX® CL
EMPIWAX® SK/BP	Cetearyl Alcohol (and) Sodium Lauryl Sulfate	100	100	Flakes	-	Self-emulsifying wax with high electrolyte tolerance, dispersing, thickening and solubilizing properties.																								EMPIWAX® SK/BP

Performance Concentrates

Performance Concentrates

Product Name	INCI Name	% Naturally derived	% active	Appearance at room temperature	C-chain length	Features	Foam (soft water)				pH		Performance characteristics								Main application areas					Additional characteristics				
							Foam booster	Flash foam	Stable foam	Low foam	Acid stable	Alkaline stable	Viscosity booster	Detergency	Wetting	Emulsification	Degreasing	Electrolyte tolerant	Hard water tolerant	Bleach compatibility	Cold temperature compatibility	Manual dishwash	Automatic dishwash	Surface care	Toilet care	Laundry	Car care	MB/RSPO certified		Ecolabel
EMPIPEARL® XA 200/H	Sodium Laureth Sulfate (and) Glycol Cetearate (and) Cocamidopropyl Betaine	83	41	Viscous liquid	-	Blend of anionic, non-ionic and amphoteric surfactants. No need of heating equipment with consequent production time reduction. Preservative: Benzyl alcohol (and) Methylchloroisothiazolinone (and) Methylisothiazolinone.						**																		EMPIPEARL® XA 200/H
EMPIPEARL® XA 200/X	Sodium Laureth Sulfate (and) Glycol Cetearate (and) Cocamidopropyl Betaine	83	41	Viscous liquid	-	Blend of anionic, non-ionic and amphoteric surfactants. No need of heating equipment with consequent production time reduction. Vegetable derived raw materials only. Preservative: Methylchloroisothiazolinone (and) Methylisothiazolinone.						**																		EMPIPEARL® XA 200/X
EMPIPEARL® XA 300/X	Sodium Laureth Sulfate (and) Glycol Distearate (and) Cocamide MEA (and) Cocamidopropyl Betaine	81	39	Viscous liquid	-	Blend of anionic, non-ionic and amphoteric surfactants. No need of heating equipment with consequent production time reduction. Preservative: Methylchloroisothiazolinone (and) Methylisothiazolinone.						**																		EMPIPEARL® XA 300/X

\*\* - Limited

Product Name	INCI Name	% Naturally derived	% active	Appearance at room temperature	C-chain length	Features	Foam (soft water)				pH		Performance characteristics								Main application areas					Additional characteristics								
							Foam booster	Flash foam	Stable foam	Low foam	Acid stable	Alkaline stable	Viscosity booster	Detergency	Wetting	Emulsification	Degreasing	Electrolyte tolerant	Hard water tolerant	Bleach compatibility	Cold temperature compatibility	Manual dishwash	Automatic dishwash	Surface care	Toilet care	Laundry	Car care	MB/RSPO certified		Ecolabel	Label free on product as is	Corrosive-symbol free		
<b>EMPIPEARL® Pearl Concentrates (cont)</b>																																		
EMPIPEARL® XA 400/X	Glycol Distearate (and) Sodium Laureth Sulfate (and) Cocamide MEA (and) Laureth-10	78	40	Viscous liquid	-	Blend of anionic and non-ionic surfactants. No need of heating equipment with consequent production time reduction. Preservative: Methylchloroisoethiazolinone (and) Methylisothiazolinone.						**																						EMPIPEARL® XA 400/X
EMPIPEARL® XA 500/X	Sodium Laureth Sulfate (and) Cocamide DEA (and) Glycol Cetearate	82	44	Viscous liquid	-	Blend of anionic and non-ionic surfactants. No need of heating equipment with consequent production time reduction. Preservative: Methylchloroisoethiazolinone (and) Methylisothiazolinone.						**																					EMPIPEARL® XA 500/X	
<b>EMPILAN® Esters</b>																																		
EMPILAN® EGDS/A	Glycol Distearate	94	100	Flakes	C16-18	Pearlizing agent, opacifier, oil soluble emulsifier and viscosity modifier.																											EMPILAN® EGDS/A	
EMPILAN® EGMS	Glycol Cetearate	92	100	Flakes	C16-18	Pearlizing agent, opacifier, oil soluble emulsifier and viscosity modifier.																											EMPILAN® EGMS	
<b>EMPICOL® Performance Concentrates</b>																																		
EMPICOL® XCT 10	Mild Concentrated Detergent Base	57	55	Fluid paste	-	Concentrated blend of anionic and amphoteric surfactants. Easy to dilute. Optimized detergency and foaming. Application: manual dishwash, laundry liquids and hard surface cleaners. Preservative: Benzyl alcohol (and) Methylchloroisoethiazolinone (and) Methylisothiazolinone.																											EMPICOL® XCT 10	
EMPICOL® XHL 100	Concentrated Detergent Base	38	55	Fluid paste	-	Concentrated blend of anionic surfactants. Easy to dilute. High volume of flash foam. Good wetting & detergency. Excellent viscosity response. Application: laundry liquid detergents, hand dishwash liquid. Preservative: Methylisothiazolinone (and) Benzyliisothiazolinone.						**																					EMPICOL® XHL 100	
EMPICOL® XHL 140	Mild Concentrated Detergent Base	10	50	Fluid paste	-	Sulfate-free and EO-free concentrated blend of anionic and amphoteric surfactants. Designed to prepare corrosive-free and label-free detergents. High volume, creamy foam stable in hard water. Very good emulsification power. Application: mild hand dishwash liquids and mild detergents.						**																C	C			EMPICOL® XHL 140		
EMPICOL® XHL 300	Concentrated Laundry Detergent Base	38	67	Fluid paste	-	Concentrated blend of soap, anionic surfactants, non-ionic surfactants, phosphonate and polycarboxylates. Easy to dilute. Low volume of controlled foam suitable for automatic laundry washing machine. Good wetting and detergency. Preservative: 2-Bromo-2-Nitropropane-1,3-Diol.																											EMPICOL® XHL 300	
EMPICOL® iDS X10	Low Foam Concentrated Detergent Base	46	70	Fluid paste	-	Concentrated blend of non-ionic surfactant and soap. Easy to dilute. Low volume of controlled foam. Excellent wetting and detergency. Corrosive symbol free. Application: hard surface cleaners, floor cleaners, fine fabric detergents.																									B		EMPICOL® iDS X10	

\*\* - Limited  
 B - Depends on bleaching agent  
 C - Specific Concentration Limit

Product Name	INCI Name	% Naturally derived	% active	Appearance at room temperature	C-chain length	Features	Foam (soft water)				pH		Performance characteristics								Main application areas					Additional characteristics							
							Foam booster	Flash foam	Stable foam	Low foam	Acid stable	Alkaline stable	Viscosity booster	Detergency	Wetting	Emulsification	Degreasing	Electrolyte tolerant	Hard water tolerant	Bleach compatibility	Cold temperature compatibility	Manual dishwash	Automatic dishwash	Surface care	Toilet care	Laundry	Car care	MB/RSPO certified	Ecolabel	Label free on product as is	Corrosive-symbol free		
EMPICOL® VBS D30A	Super-Concentrated Detergent Base	Non-vegetable	88 (Organic Matter)	Liquid	-	Super-concentrated blend of a non-ionic surfactant and a solvent, both of which are vegetable derived, and an anionic surfactant. Specifically developed to prepare hard surface degreasers that work well on tenacious greasy stains that may be difficult to remove with traditional degreasing products.																											EMPICOL® VBS D30A
EMPICOL® VBS L30	Super-Concentrated Detergent Base	27	97 (Organic Matter)	Liquid	-	Super-concentrated blend of an anionic primary surfactant and a plant derived non-ionic surfactant. Specifically developed to prepare laundry detergent concentrates at neutral pH. Due to its extremely low water content, it is compatible with water soluble films and could be used as delivery system for water sensitive ingredients.																											EMPICOL® VBS L30

Chelating Agents

Chelating Agents

Product Name	INCI Name	% Naturally derived	% active	Appearance at room temperature	C-chain length	Features	Foam (soft water)				pH		Performance characteristics								Main application areas					Additional characteristics						
							Foam booster	Flash foam	Stable foam	Low foam	Acid stable	Alkaline stable	Viscosity booster	Detergency	Wetting	Emulsification	Degreasing	Electrolyte tolerant	Hard water tolerant	Bleach compatibility	Cold temperature compatibility	Manual dishwash	Automatic dishwash	Surface care	Toilet care	Laundry	Car care	MB/RSPO certified	Ecolabel	Label free on product as is	Corrosive-symbol free	
ENVIOMET® C140	Trisodium Ethylenediamine Disuccinate	Non-vegetable	37	Liquid	-	Unique readily biodegradable and Eco-label approved chelating agent particularly effective at chelating transition metals in presence of Calcium and Magnesium. Application: stain removal, Peroxide/Peracetic acid stabilization, dye and fabric protection, biocide potentiator, removal of transition metals from surfaces.																										ENVIOMET® C140
ENVIOMET® C280	Ethylenediamine Disuccinic Acid	Non-vegetable	80	Powder	-	Free acid form. Unique readily biodegradable and Eco-label approved chelating agent particularly effective at chelating transition metals in presence of Calcium and Magnesium. Application: stain removal, Peroxide/Peracetic acid stabilization, dye and fabric protection, biocide potentiator, removal of transition metals from surfaces.																										ENVIOMET® C280



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