

BE UNIQUE

with innospec
product guide

BE UNIQUE with innospec

Original thinking in beauty and personal care

Each consumer has different expectations from the beauty products they use, depending on their generation.

Whether that be a need for

- products for a specific concern or hair type for Baby Boomers
- inspiring products for those looking for new routines for Generation X
 - personalized, innovative solutions for Generation Y
- sustainable products that take care of the planet for Generation Z
- gentle ingredients with interesting textures for Generation Alpha

As manufacturers and suppliers of ingredients and creators of award-winning formulations, we have the capability to create revolutionary personal care formulations – the opportunities are endless for any generation.

We have the expertise, creativity and knowledge to make your next unique product come to life.

Transform the ordinary into something special, explore our products today.
personalcare@innospecinc.com
www.innospecpersonalcare.com

Find by function

Anti-Bacterial Agents	02
Carbonates	02
Chelating Agents	02
Conditioning Agents	04
Dispersants	06
Emollients & Solvents	06
Emulsifiers	08
Hydrotropes	10
Pearl Concentrates	10
Pearlizer and Viscosity Modifiers	12
Rheology Modifiers	14
Self-Emulsifying Waxes	14
Surfactants	16

Anti-Bacterial Agents

Our anti-bacterial agents are a formulator favorite in today's formulating world for consumers looking for efficacy in anti-bacterial hand sanitizers and cleansers.

Application key:



Trade name	INCI Name	Application	Function	Physical form	Preservative system	Naturally derived (%)	COSMOS	Sulfate free	RSPO	NaTrue	Features
EMPIGEN® BAC 50 [†]	Benzalkonium Chloride		Anti-Bacterial Agent	50% active liquid.	No preservative						Traditional cleansing agent with antimicrobial properties often used in liquid soaps.

Carbonates

Explore our range of speciality solvents with emolliency, our Activemol range possesses the characteristics required of a wetting agent for cosmetic clays with low toxicity, low evaporation rate and low flammability.

Trade name	INCI Name	Application	Function	Physical form	Preservative system	Naturally derived (%)	COSMOS	Sulfate free	RSPO	NaTrue	Features
ACTIVEMOL GC	Hydroxypropylene Carbonate		Carbonate	100% active liquid.	No preservative	75					Solvent with wetting and moisturizing properties, low toxicity, low evaporation rate and low flammability.
ACTIVEMOL PC	Propylene Carbonate		Carbonate	100% active liquid.	No preservative	Non-vegetable					Solvent with wetting and moisturizing properties, low toxicity, low evaporation rate and low flammability.

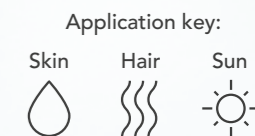
Chelating Agents

Our well-known chelating agents are unique, effective preservative potentiators. These ingredients are the best alternative to EDTA amongst biodegradable chelants.

Trade name	INCI Name	Application	Function	Physical form	Preservative system	Naturally derived (%)	COSMOS	Sulfate free	RSPO	NaTrue	Features
NATRLQUEST® E30	Trisodium Ethylenediamine Disuccinate		Chelating Agent	37% active, pale, clear liquid.	No preservative	Non-vegetable					Unique readily biodegradable chelating agent. Effective as a preservative potentiator and anti-oxidant in formulations.
NATRLQUEST® E80	Trisodium Ethylenediamine Disuccinate		Chelating Agent	80% active, white powder.	No preservative	Non-vegetable					Free acid form. Unique readily biodegradable chelating agent. Effective as a preservative potentiator and anti-oxidant in formulations.

Conditioning Agents

Consumer enjoyment of many personal care products is greatly impacted by how they feel on the skin and hair. For products that leave you feeling soft, silky, explore a range of conditioning agents with our Activsoft, Condicare and Empigen® ranges to help you create your next caring formulation.

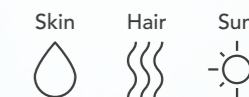


Trade name	INCI Name	Application	Function	Physical form	Preservative system	Naturally derived (%)	Certification				Features
							COSMOS	Sulfate free	RSPO	NaTrue	
ACTIVSOFT C-13	Guar Hydroxypropyltrimonium Chloride		Conditioning Agent	Yellow, free-flowing powder.	-	67					Self-hydrating moderately charged cationic conditioning polymer for skin and hair. For use in clear-in-hand and opaque liquid formulations and soap bars.
ACTIVSOFT C-14	Guar Hydroxypropyltrimonium Chloride		Conditioning Agent	Yellow, free-flowing powder.	-	67					Moderately charged cationic conditioning polymer for skin and hair. For use in clear-in-hand and opaque liquid formulations and soap bars.
ACTIVSOFT C-14 MR	Guar Hydroxypropyltrimonium Chloride		Conditioning Agent	Yellow, free-flowing powder.	-	67					Moderately charged cationic conditioning polymer for skin and hair. For use in clear-in-hand and opaque liquid formulations and soap bars. COSMOS approved version.
ACTIVSOFT C-14H	Guar Hydroxypropyltrimonium Chloride		Conditioning Agent	Yellow, free-flowing powder.	-	67					Similar to Activsoft C-14 but with a higher viscosity.
ACTIVSOFT C-17	Guar Hydroxypropyltrimonium Chloride		Conditioning Agent	Yellow, free-flowing powder.	-	67					Highly charged cationic conditioning polymer for skin and hair. For use in clear-in-hand and opaque liquid formulations and soap bars.
ACTIVSOFT CD	Guar Hydroxypropyltrimonium Chloride		Conditioning Agent	White to light, yellowish, fine powder.	-	67					Medium cationic charge, low viscosity guar for skin care applications. For use in clear-in-hand and opaque liquid formulations and soap bars.
CONDICARE CT*	Quaternium-75		Conditioning Agent	25% active, pale yellow, clear to hazy liquid.	-	Non-vegetable					Mild conditioning agent for skin and hair.
EMPIGEN® S18	Stearamidopropyl Dimethylamine		Conditioning Agent	White, waxy flakes.	-	78					Silicone-free hair conditioning agent, minimizes the build-up effect, provides conditioning and antistatic effect. Formulation viscosity builder.

Dispersants

Discover our range of Dispersun dispersants for skin and sun care applications. Dispersun is a formulator favorite and contains excellent additives for use in dispersing metal oxides and color cosmetic pigments. At low concentration levels, they greatly enhance the dispersion properties of metal oxide powders and also slow pigment agglomeration.

Application key:



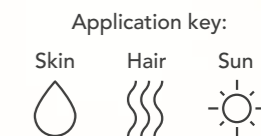
Trade name	INCI Name	Application	Function	Physical form	Preservative system	Naturally derived (%)	COSMOS	Sulfate free	RSPO	NaTrue	Features
DISPERSUN DSP-OL100	Polyhydroxystearic Acid		Dispersant	Amber to brown, viscous liquid.	Preservative-free ^o	100					Excellent dispersants for metal oxides in sunscreens and cosmetics. Suitable for non-aqueous systems.
DISPERSUN DSP-OL300	Polyhydroxystearic Acid		Dispersant	Amber to brown, viscous paste.	Preservative-free ^o	100					Excellent dispersants for metal oxides in sunscreens and cosmetics. Suitable for non-aqueous systems.

Emollients & Solvents

Sensory and skin feel is a huge driver in today's demanding beauty world. Invaluable to every formulator, solubilizers and emollients provide optimum texture and functionality. Our solubilizers and emollients provide excellent solubilization properties with maximum tactile appeal.

Trade name	INCI Name	Application	Function	Physical form	Preservative system	Naturally derived (%)	COSMOS	Sulfate free	RSPO	NaTrue	Features
ACTIVEMOL DOM-R	Diethylhexyl Maleate		Aliphatic Ester	Clear, almost colorless liquid.	Preservative-free ^o	Non-vegetable					Light emollient ester that imparts shine to hair; effective squalane replacement.
ACTIVEMOL EH-25*	C12-15 Alkyl Ethylhexanoate		Aliphatic Ester	Clear, colorless to pale yellow liquid.	Preservative-free ^o	Non-vegetable					Light emollient ester for velvety, light skin feel.
FINSOLV® PG-22	Dipropylene Glycol Dibenzoate		Benzoate Ester	Clear, almost colorless to pale yellow liquid.	-	Non-vegetable					Excellent sunscreen solvent.
FINSOLV® TN	C12-15 Alkyl Benzoate		Benzoate Ester	Clear, almost colorless liquid.	-	Non-vegetable					Good solvent for actives, light dry feel. Improved transparency in AP/DO applications.
FINSOLV® TN-O	C12-15 Alkyl Benzoate		Benzoate Ester	Clear, almost colorless liquid.	-	Non-vegetable					Further refined, odorless version of Finsolv® TN.

Emollients & Solvents cont



Trade name	INCI Name	Application	Function	Physical form	Preservative system	Naturally derived (%)	Application key:				Features
							COSMOS	Sulfate free	RSPO	NaTrue	
FINSOLV® TPP	C12-15 Alkyl Benzoate (and) Dipropylene Glycol Dibenzoate (and) PPG-15 Stearyl Ether Benzoate		Benzoate Ester	Clear, almost colorless to pale yellow liquid.	-	Non-vegetable					Unique proprietary blend of esters optimized for high sunscreen solvency and elegant skin feel.
SUNSOLV® BOS	Butyloctyl Salicylate		Salicylate Ester	Clear, almost colorless liquid.	-	Non-vegetable					Versatile multifunctional ingredient which improves aesthetics and performance of sunscreens, skin care and color cosmetics. It is highly effective as a sunscreen active solubilizer and photostabilizer, inorganic pigment wetter, emollient, moisturizer and carrier.

Emulsifiers

A powerful oil-in-water emulsifier, supplied in the free acid form to give flexibility and adaptability to formulations. Its emulsifying property, pH, thickening ability, and suspending effect depend upon the type of base used to neutralize it.

Trade name	INCI Name	Application	Function	Physical form	Preservative system	Naturally derived (%)	Application key:				Features
							COSMOS	Sulfate free	RSPO	NaTrue	
EMPIPHOS® O3D	Oleth-3 Phosphate		Emulsifier	99% active liquid.	Preservative-free ⁰	56					Powerful oil-in-water emulsifier which can easily be neutralized in situ with a wide range of organic or inorganic bases. It is supplied in free acid form to give flexibility and adaptability to formulations. Its emulsifying property, pH, thickening ability and suspending effect depend upon the type of base used to neutralize it.

Hydrotropes

Our Eltesol® range can be used to increase the solubility of other compounds and can also be used to reduce the viscosity of concentrated surfactants and formulations.

Application key:
 Skin
 Hair
 Sun

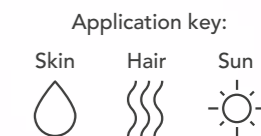
Trade name	INCI Name	Application	Function	Physical form	Preservative system	Naturally derived (%)	COSMOS	Sulfate free	RSPO	NaTrue	Features
ELTESOL® SC 40	Sodium Cumenesulfonate		Hydrotrope	40% active liquid.	Preservative-free ¹	Non-vegetable					Solubilizing, coupling and viscosity modifying agent, increases the cloud point of non-ionics, recommended in cosmetic products based on ammonium and amine salts.
ELTESOL® SX 40	Sodium Xylenesulfonate		Hydrotrope	40% active liquid.	Preservative-free ¹	Non-vegetable					Solubilizing, coupling and viscosity modifying agent, increases the cloud point of non-ionics, recommended in cosmetic products based on ammonium and amine salts.

Pearl Concentrates

Our unique range of pearlzers and pearl concentrates are personal care ingredients that make formulas appear rich and pearly.

Trade name	INCI Name	Application	Function	Physical form	Preservative system	Naturally derived (%)	COSMOS	Sulfate free	RSPO	NaTrue	Features
EMPIPEARL® XA 200/X	Sodium Laureth Sulfate (and) Glycol Cetearate (and) Cocamidopropyl Betaine		Pearl Concentrate	40% active, soft paste.	Methylchloroisothiazolinone (and) Methylisothiazolinone	>80					Cold processable concentrated blend of anionic, non-ionic and amphoteric surfactants. For use in rinse-off cleansing products such as shampoo and body wash. Few percentages in the formulation provide rich and dense pearling effect.
EMPIPEARL® XA 300/G	Sodium Laureth Sulfate (and) Glycol Distearate (and) Cocamide MEA (and) Cocamidopropyl Betaine		Pearl Concentrate	40% active, soft paste.	Benzyl Alcohol (and) Salicylic Acid (and) Glycerin (and) Sorbic Acid	>80					Cold processable concentrated blend of anionic, non-ionic and amphoteric surfactants. For use in rinse-off cleansing products such as shampoo and body wash. Few percentages in the formulation provide rich and dense pearling effect.
EMPIPEARL® XA 300/X	Sodium Laureth Sulfate (and) Glycol Distearate (and) Cocamide MEA (and) Cocamidopropyl Betaine		Pearl Concentrate	40% active, soft paste.	Methylchloroisothiazolinone (and) Methylisothiazolinone	>80					Cold processable concentrated blend of anionic, non-ionic and amphoteric surfactants. For use in rinse-off cleansing products such as shampoo and body wash. Few percentages in the formulation provide rich and dense pearling effect.

Pearl Concentrates cont



Trade name	INCI Name	Application	Function	Physical form	Preservative system	Naturally derived (%)	COSMOS	Sulfate free	RSPO	NaTrue	Features
EMPIPEARL® XA 400/X	Sodium Laureth Sulfate (and) Glycol Distearate (and) Cocamide MEA (and) Laureth-10		Pearl Concentrate	40% active, soft paste.	Methylchloroisothiazolinone (and) Methylisothiazolinone	>80					Cold processable concentrated blend of anionic and non-ionic surfactants. For use in rinse-off cleansing products such as shampoo and body wash. Few percentages in the formulation provide rich and dense pearling effect.
EMPIPEARL® XA 500/X	Sodium Laureth Sulfate (and) Glycol Cetearate (and) Cocamide DEA		Pearl Concentrate	40% active, paste.	Methylchloroisothiazolinone (and) Methylisothiazolinone	80					Cold processable concentrated blend of anionic and non-ionic surfactants. For use in rinse-off cleansing products such as shampoo and body wash. Few percentages in the formulation provide rich and dense pearling effect.

Pearlizer and Viscosity Modifiers

Our unique range of pearlizers and pearl concentrates are personal care ingredients that make formulas appear rich and pearly.

Trade name	INCI Name	Application	Function	Physical form	Preservative system	Naturally derived (%)	COSMOS	Sulfate free	RSPO	NaTrue	Features
EMPILAN® EGDS/A	Glycol Distearate		Pearlizer and Viscosity Modifier	100% active, off-white flakes.	Preservative-free ⁰	94					Pearlizing agent, opacifier, oil soluble emulsifier and viscosity modifier in personal cleansing systems.
EMPILAN® EGMS	Glycol Cetearate / Stearate		Pearlizer and Viscosity Modifier	100% active, off-white flakes.	Preservative-free ⁰	89					Pearlizing agent, opacifier, oil soluble emulsifier and viscosity modifier.
LAUREX® CS	Cetearyl Alcohol		Pearlizer and Viscosity Modifier	100% active, off-white flakes.	Preservative-free ⁰	100					Viscosity, consistency and skin feel modifier. Oil soluble co-emulsifier. Emollient viscosity builder in creams, lotions and conditioners.

Rheology Modifiers

Activsoft S is a naturally derived polymer from the guar bean plant. It is a non-derivatized polymer developed from the ground endosperm of *Cyamopsis tetragonoloba*. Activsoft S displays excellent viscosity building properties in aqueous formulations and also functions as a foam booster and stabilizer for most common high-foaming surfactant systems.

Application key:
 Skin
 Hair
 Sun

Trade name	INCI Name	Application	Function	Physical form	Preservative system	Naturally derived (%)	COSMOS	Sulfate free	RSPO	NaTrue	Features
ACTIVSOFT S	Cyamopsis Tetragonoloba (Guar) Gum		Rheology Modifier	Off-white to pale yellow powder.	-	100					Naturally derived viscosity-building polymer and foam stabilizer. Does not require neutralization.

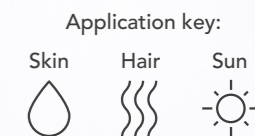
Self-Emulsifying Wax

For use in skin, body and baby, our self-emulsifying waxes are versatile ingredients used in the formulation of creams, lotions and other cosmetics which contain oil and water. Empiwax[®] has a high electrolyte tolerance with some dispersing, thickening and solubilizing properties.

Trade name	INCI Name	Application	Function	Physical form	Preservative system	Naturally derived (%)	COSMOS	Sulfate free	RSPO	NaTrue	Features
EMPIWAX [®] CL	Cetearyl Alcohol (and) Cetareth-25		Self-Emulsifying Wax	100% active, off-white flakes.	Preservative-free ^o	>80					Emulsifying wax with high electrolyte tolerance, dispersing, thickening and solubilizing properties. For use in skin, body and baby care.
EMPIWAX [®] SK/BP	Cetearyl Alcohol (and) Sodium Lauryl Sulfate		Self-Emulsifying Wax	100% active, off-white flakes.	Preservative-free ^o	100					Emulsifying wax with high electrolyte tolerance, dispersing, thickening and solubilizing properties. For use in skin, body and baby care.

Surfactants

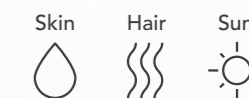
Our surfactants range provides endless opportunities in the creation of eco-friendly and effective surfactants that are sulfate-free and 1,4-dioxane free. Our surfactants range also consists of concentrated and solid formats that use less water. We are the go-to suppliers in formulating with surfactants.



Trade name	INCI Name	Application	Function	Physical form	Formulating pH range	Preservative system	Naturally derived (%)	Certification				Features
								COSMOS	Sulfate free	RSPO	NaTrue	
AMINOL® CM FLAKES*	Cocamide MEA		Cocamide	Light tan flakes.	5.0 - 11.0	Preservative-free ⁰	88					Surfactant used to build viscosity in aqueous systems, foam booster and foam stabilizer, compatible with solvents and anionics.
EMPICOL® 0045/B	Sodium Lauryl Sulfate		Alkyl and Alkyl Ether Sulfate	92% active, fine, off-white powder.	3.5 - 11.0	Preservative-free ⁰	100					EO-free primary anionic surfactant with hard water and electrolyte tolerance. Provides rich lather. For use in cleansing products such as body washes and shampoos.
EMPICOL® AL 25/EX	Ammonium Lauryl Sulfate		Alkyl and Alkyl Ether Sulfate	25% active, clear liquid.	5.5 - 6.5	Methylchloroisothiazolinone (and) Methylisothiazolinone	100					EO-free primary anionic surfactant providing rich lather. For use in rinse-off cleansing products such as shampoos and body washes.
EMPICOL® AL 30/AV	Ammonium Lauryl Sulfate		Alkyl and Alkyl Ether Sulfate	28% active, clear liquid.	5.5 - 6.5	Sodium Benzoate	100					EO-free primary anionic surfactant providing rich lather. For use in cleansing products such as shampoos and body washes.
EMPICOL® AL 70	Ammonium Lauryl Sulfate		Alkyl and Alkyl Ether Sulfate	68% active, soft paste.	5.5 - 6.5	Preservative-free ⁰	100					High active EO-free primary anionic surfactant providing rich lather. For use in cleansing products such as shampoos and body washes.
EMPICOL® CBJ	Laureth-11 Carboxylic Acid		Carboxylic Acid	86% active, clear liquid.	4.0 - 11.0	Preservative-free ⁰	37					Free-acid high active and moderate foaming mild anionic co-surfactant designed to improve mildness. Neutralization can be achieved with a wide range of neutralizing agents. For use in cleansing products such as shampoo, body wash and baby care. Stable over a wide range of pH. Good detergency and emulsification properties.
EMPICOL® CED5	Laureth-5 Carboxylic Acid		Carboxylic Acid	92% active, clear liquid.	4.0 - 11.0	Preservative-free ⁰	54					Free-acid high active mild anionic co-surfactant designed to improve mildness. Neutralization can be achieved with a wide range of neutralizing agents. For use in cleansing products such as shampoo, body wash and baby care. Stable over a wide range of pH. Good detergency and emulsification properties.

Surfactants

Application key:

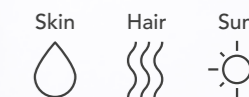


COSMOS Sulfate free RSPO NaTrue

Trade name	INCI Name	Application	Function	Physical form	Formulating pH range	Preservative system	Naturally derived (%)					Features
EMPICOL® CZ/N**	Sodium Coco Sulfate		Alkyl and Alkyl Ether Sulfate	92% active, fine, off-white powder.	3.5 - 11.0	Preservative-free ⁰	100					EO-free primary anionic surfactant with hard water and electrolyte tolerance. Provides rich lather. For use in cleansing products such as body washes and shampoos.
EMPICOL® CZV/N	Sodium Coco Sulfate		Alkyl and Alkyl Ether Sulfate	92% active, off-white powder.	3.5 - 11.0	Preservative-free ⁰	100					EO-free primary anionic surfactant with hard water and electrolyte tolerance. Provides rich lather. For use in cleansing products such as body washes and shampoos.
EMPICOL® EAC 70	Ammonium Laureth Sulfate		Alkyl and Alkyl Ether Sulfate	70% active, soft paste.	5.5 - 6.5	Preservative-free ⁰	68					High active primary anionic surfactant providing rich lather. For use in cleansing products such as shampoos and body washes.
EMPICOL® EGC 70	Magnesium Laureth Sulfate		Alkyl and Alkyl Ether Sulfate	70% active, soft paste.	5.0 - 7.0	Preservative-free ⁰	68					High active primary anionic surfactant providing rich lather. For use in cleansing products such as shampoos and body washes.
EMPICOL® LQ 33/TX	MEA-Lauryl Sulfate		Alkyl and Alkyl Ether Sulfate	33% active, clear liquid.	4.5 - 11.0	Methylchloroisothiazolinone (and) Methylisothiazolinone	86					EO-free primary anionic surfactant providing rich lather. For use in rinse-off cleansing products such as shampoos and body washes.
EMPICOL® LX/B	Sodium Lauryl Sulfate		Alkyl and Alkyl Ether Sulfate	92% active, fine, off-white powder.	3.5 - 11.0	Preservative-free ⁰	100					EO-free primary anionic surfactant with hard water and electrolyte tolerance. Provides rich lather. For use in cleansing products such as body washes and shampoos.
EMPICOL® LX/N**	Sodium Lauryl Sulfate		Alkyl and Alkyl Ether Sulfate	92% active, fine, off-white powder.	3.5 - 11.0	Preservative-free ⁰	100					EO-free primary anionic surfactant with hard water and electrolyte tolerance. Provides rich lather. For use in cleansing products such as body washes and shampoos.
EMPICOL® LXV/B	Sodium Lauryl Sulfate		Alkyl and Alkyl Ether Sulfate	92% active, off-white needles.	3.5 - 11.0	Preservative-free ⁰	100					EO-free primary anionic surfactant with hard water and electrolyte tolerance. Provides rich lather. For use in cleansing products such as body washes and shampoos.
EMPICOL® LXV/N**	Sodium Lauryl Sulfate		Alkyl and Alkyl Ether Sulfate	92% active, off-white needles.	3.5 - 11.0	Preservative-free ⁰	100					EO-free primary anionic surfactant with hard water and electrolyte tolerance. Provides rich lather. For use in cleansing products such as body washes and shampoos.

Surfactants

Application key:

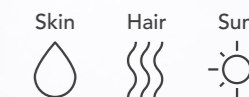


COSMOS Sulfate free RSPO NaTrue

Trade name	INCI Name	Application	Function	Physical form	Formulating pH range	Preservative system	Naturally derived (%)					Features
EMPICOL® LZ/B	Sodium Lauryl Sulfate		Alkyl and Alkyl Ether Sulfate	92% active, off-white powder.	3.5 - 11.0	Preservative-free ⁰	100					EO-free primary anionic surfactant with hard water and electrolyte tolerance. Provides rich lather. For use in cleansing products such as body washes and shampoos.
EMPICOL® LZ/N**	Sodium Lauryl Sulfate		Alkyl and Alkyl Ether Sulfate	92% active, off-white powder.	3.5 - 11.0	Preservative-free ⁰	100					EO-free primary anionic surfactant with hard water and electrolyte tolerance. Provides rich lather. For use in cleansing products such as body washes and shampoos.
EMPICOL® LZV/B	Sodium Lauryl Sulfate		Alkyl and Alkyl Ether Sulfate	92% active, off-white needles.	3.5 - 11.0	Preservative-free ⁰	100					EO-free primary anionic surfactant with hard water and electrolyte tolerance. Provides rich lather. For use in cleansing products such as body washes and shampoos.
EMPICOL® LZV/N**	Sodium Lauryl Sulfate		Alkyl and Alkyl Ether Sulfate	92% active, off-white needles.	3.5 - 11.0	Preservative-free ⁰	100					EO-free primary anionic surfactant with hard water and electrolyte tolerance. Provides rich lather. For use in cleansing products such as body washes and shampoos.
EMPICOL® SDD/O	Disodium Laureth Sulfosuccinate		Sulfosuccinate	33% active, clear liquid.	5.5 - 8.0	Sodium Benzoate	56					Mild anionic surfactant with excellent foaming characteristics. For use in cleansing products such as shampoo, body wash and baby care.
EMPICOL® TL 40/X	TEA-Lauryl Sulfate		Alkyl and Alkyl Ether Sulfate	40% active, clear liquid.	4.5 - 11.0	Methylchloroisothiazolinone (and) Methylisothiazolinone	68					EO-free primary anionic surfactant providing rich lather. For use in rinse-off cleansing products such as shampoos and body washes.
EMPICOL® XCT 14	Sodium C14-16 Olefin Sulfonate (and) Sodium Cocoamphoacetate (and) Cocamide MEA		Performance Concentrate	50% active, soft paste.	4.0 - 11.0	Preservative-free ⁰	>5					Concentrated sulfate-free surfactant blend with low irritation profile and optimized foam characteristics. For use in cleansing products such as shampoos and body wash.
EMPIGEN® 5151	Disodium Cocoamphodiacetate		Amphoacetate and Amphodiacetate	50% solid, clear liquid.	3.0 - 11.0	Preservative-free ⁰	66					Mild amphoteric co-surfactant for use in cleansing products such as shampoos, body wash and baby care. Excellent compatibility with anionic, non-ionic and cationic surfactants. Stable over a wide pH range. Helps mitigate irritation from primary surfactants. Improves foam quality even with soap and hard water.

Surfactants

Application key:



COSMOS Sulfate free RSPO NaTrue

Trade name	INCI Name	Application	Function	Physical form	Formulating pH range	Preservative system	Naturally derived (%)					Features
EMPIGEN® 5151/SB [‡]	Disodium Cocoamphodiacetate		Amphodiacetate	50% solid, clear liquid.	3.0 - 11.0	Preservative-free ⁰	67					Mild amphoteric co-surfactant for use in cleansing products such as shampoos, body wash and baby care. Excellent compatibility with anionic, non-ionic and cationic surfactants. Stable over a wide pH range. Helps mitigate irritation from primary surfactants. Improves foam quality even with soap and hard water.
EMPIGEN® BB	Lauryl Betaine		Betaine	30% active, clear liquid.	3.0 - 11.0	Preservative-free ⁰	76					Mild amphoteric co-surfactant for use in cleansing products such as shampoos, body washes and baby care. Excellent compatibility with anionic, non-ionic and cationic surfactants. Stable over a wide pH range.
EMPIGEN® BB/HP	Lauryl Betaine		Betaine	30% active, clear liquid.	3.0 - 11.0	Preservative-free ⁰	76					Low sodium chloride content mild amphoteric co-surfactant for use in cleansing products such as shampoos, body wash and baby care. Excellent compatibility with anionic, non-ionic and cationic surfactants. Stable over a wide pH range.
EMPIGEN® BS/FA	Cocamidopropyl Betaine		Betaine	30% active, clear liquid.	3.0 - 11.0	Preservative-free ⁰	68					Mild amphoteric co-surfactant for use in cleansing products such as shampoos, body wash and baby care. Excellent compatibility with anionic, non-ionic and cationic surfactants. Stable over a wide pH range.
EMPIGEN® BS/H50	Cocamidopropyl Betaine		Betaine	35% active, clear liquid.	3.0 - 11.0	Preservative-free ⁰	66					High active mild amphoteric co-surfactant for use in cleansing products such as shampoos, body wash and baby care. Excellent compatibility with anionic, non-ionic and cationic surfactants. Stable over a wide pH range.
EMPIGEN® BS/O*	Cocamidopropyl Betaine		Betaine	30% active, clear liquid.	3.0 - 11.0	Preservative-free ⁰	68					Mild amphoteric surfactant for use in cleansing products such as shampoos, body wash and baby care. Excellent compatibility with anionic, non-ionic and cationic surfactants. Stable over a wide pH range.
EMPIGEN® BS/O-AV*	Cocamidopropyl Betaine		Betaine	30% active, clear liquid.	3.0 - 11.0	Sodium Benzoate	68					Mild amphoteric surfactant for use in cleansing products such as shampoos, body wash and baby care. Excellent compatibility with anionic, non-ionic and cationic surfactants. Stable over a wide pH range.

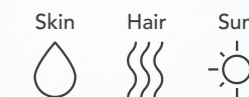
Surfactants



Trade name	INCI Name	Application	Function	Physical form	Formulating pH range	Preservative system	Naturally derived (%)	COSMOS	Sulfate free	RSPO	NaTrue	Features
EMPIGEN® BS/O-N*	Cocamidopropyl Betaine		Betaine	30% active, clear liquid.	3.0 - 11.0	Preservative-free ^o	68					Mild amphoteric surfactant for use in cleansing products such as shampoos, body wash and baby care. Excellent compatibility with anionic, non-ionic and cationic surfactants. Stable over a wide pH range.
EMPIGEN® BS/O-X*	Cocamidopropyl Betaine		Betaine	30% active, clear liquid.	3.0 - 11.0	Methylchloroisothiazolinone (and) Methylisothiazolinone	68					Mild amphoteric surfactant for use in cleansing products such as shampoos, body wash and baby care. Excellent compatibility with anionic, non-ionic and cationic surfactants. Stable over a wide pH range.
EMPIGEN® BSP ^z	Cocamidopropyl Betaine		Betaine	80% active, free flowing powder.		Preservative-free ^o	66					Unique, readily biodegradable, free-flowing betaine in powder form. Compatible with anionic, non-ionic, cationic and other amphoteric surfactants, making it a flexible ingredient in many formulations. This specially designed low dust, free flowing powder, allows direct incorporation into powders, compressed tablets and bars and other solid formats.
EMPIGEN® CBET	Coco-Betaine		Betaine	30% active, clear liquid.	3.0 - 11.0	Preservative-free ^o	76					Mild amphoteric co-surfactant for use in cleansing products such as shampoos, body wash and baby care. Excellent compatibility with anionic, non-ionic and cationic surfactants. Stable over a wide pH range. COSMOS approved version.
EMPIGEN® CDL 30/J/35	Sodium Lauroamphoacetate		Amphoacetate and Amphodiacetate	19% active, clear liquid.	3.0 - 11.0	Preservative-free ^o	66					Mild amphoteric co-surfactant for use in cleansing products such as shampoos, body wash and baby care. Excellent compatibility with anionic, non-ionic and cationic surfactants. Stable over a wide pH range. Helps mitigate irritation from primary surfactants. Improves foam quality even with soap and hard water.
EMPIGEN® CDL 60/P	Sodium Lauroamphoacetate		Amphoacetate and Amphodiacetate	25% active, clear liquid.	3.0 - 11.0	Preservative-free ^o	66					Mild amphoteric co-surfactant for use in cleansing products such as shampoos, body wash and baby care. Excellent compatibility with anionic, non-ionic and cationic surfactants. Stable over a wide pH range. Helps mitigate irritation from primary surfactants. Improves foam quality even with soap and hard water.

Surfactants

Application key:

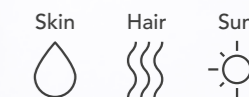


COSMOS Sulfate free RSPO NaTrue

Trade name	INCI Name	Application	Function	Physical form	Formulating pH range	Preservative system	Naturally derived (%)					Features
EMPIGEN® CDR 2M	Sodium Cocoamphoacetate (and) Disodium Cocoamphodiacetate		Amphoacetate and Amphodiacetate	38% active, clear liquid.	3.0 - 11.0	Preservative-free ⁰	66					Mild amphoteric co-surfactant for use in cleansing products such as shampoos, body wash and baby care. Excellent compatibility with anionic, non-ionic and cationic surfactants. Stable over a wide pH range. Helps mitigate irritation from primary surfactants. Improves foam quality even with soap and hard water.
EMPIGEN® CDR 60	Sodium Cocoamphoacetate		Amphoacetate and Amphodiacetate	30% active, clear liquid.	3.0 - 11.0	Preservative-free ⁰	68					Mild amphoteric co-surfactant for use in cleansing products such as shampoos, body wash and baby care. Excellent compatibility with anionic, non-ionic and cationic surfactants. Stable over a wide pH range. Helps mitigate irritation from primary surfactants. Improves foam quality even with soap and hard water.
EMPIGEN® OB	Lauramine Oxide		Amine Oxide	30% active liquid.	3.0 - 11.0	Preservative-free ⁰	87					Excellent low pH and stability, compatible with cationic surfactants and polymers.
EMPIGEN® OS/A	Cocamidopropylamine Oxide		Amine Oxide	30% active liquid.	3.0 - 11.0	Preservative-free ⁰	73					Excellent low pH and stability, compatible with cationic surfactants and polymers.
EMPIGEN® TC/U	Cocamidopropyl Betaine		Betaine	35% active, clear liquid.	3.0 - 11.0	Sodium Benzoate	66					Low sodium chloride content mild amphoteric co-surfactant for use in cleansing products such as shampoos, body wash and baby care. Excellent compatibility with anionic, non-ionic and cationic surfactants. Ideal for use in hair coloring shampoos with direct dyes due to its low level of salt (salt has been shown to impede the deposition of certain direct dyes onto hair from shampoos). Stable over a wide pH range.
EMPILAN® CIS	Cocamide MIPA		Cocamide	95% active, off-white flakes.	5.0 - 11.0	Preservative-free ⁰	81					Non-ionic co-surfactant to boost viscosity and foam stability and volume also in presence of hard water and soap.
EMPILAN® CME/T	Cocamide MEA		Cocamide	85% active, off-white flakes.	5.0 - 11.0	Preservative-free ⁰	87					Non-ionic co-surfactant to boost viscosity and foam stability and volume also in presence of hard water and soap.
EMPILAN® MAA/SI	PEG-5 Cocamide		Cocamide	85% active, amber viscous liquid.	5.0 - 11.0	Preservative-free ⁰	39					Non-ionic co-surfactant, emulsifier and solubilizer. Boost stability and volume of foam also in presence of hard water and soap.

Surfactants

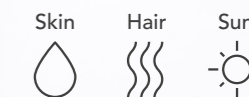
Application key:



Trade name	INCI Name	Application	Function	Physical form	Formulating pH range	Preservative system	Naturally derived (%)	Application key:				Features
								COSMOS	Sulfate free	RSPO	NaTrue	
ISELUX®	Sodium Lauroyl Methyl Isethionate		Isethionate	80% active, white to off-white, waxy flake.	4.8 - 8.5	Preservative-free ^o	80					A unique, breakthrough technology. Sulfate-free anionic surfactant for clear and opaque systems. Now globally approved.
ISELUX® CBL ^z	Sodium Lauroyl Methyl Isethionate (and) Cocamidopropyl Betaine		Performance Concentrate	Clear to slightly hazy liquid.	4.8 - 8.5	Sodium Benzoate	76					Easy to handle, concentrated liquid grade version of ISELUX® SCMI.
ISELUX® CO	Sodium Lauroyl Methyl Isethionate		Isethionate	80% active, white to off-white, waxy flake.	4.8 - 8.5	Preservative-free ^o	80					A unique, breakthrough technology. Sulfate-free anionic surfactant for clear and opaque systems. Derived from coconut. Now globally approved.
ISELUX® LQ-CLR	Sodium Lauroyl Methyl Isethionate		Isethionate	32% active, clear pale yellow liquid.	4.8 - 8.5	Methylchloroisothiazolinone (and) Methylisothiazolinone	80					A unique, breakthrough technology. Sulfate-free anionic surfactant for clear and opaque systems. Now globally approved.
ISELUX® LQ-CLR-PE	Sodium Lauroyl Methyl Isethionate		Isethionate	32% active, clear pale yellow liquid.	4.8 - 8.5	Phenoxyethanol (and) Methylisothiazolinone	80					A unique, breakthrough technology. Sulfate-free anionic surfactant for clear and opaque systems. Now globally approved.
ISELUX® LQ-CLR-SB	Sodium Lauroyl Methyl Isethionate		Isethionate	32% active, clear pale yellow liquid.	4.8 - 8.5	Sodium Benzoate	80					A unique, breakthrough technology. Sulfate-free anionic surfactant for clear and opaque systems. Now globally approved.
ISELUX® SCMI	Sodium Cocoyl Methyl Isethionate		Isethionate	80% active, white to off-white, waxy flake.	4.8 - 8.5	Preservative-free ^o	80					A unique, breakthrough technology. Sulfate-free anionic surfactant for clear and opaque systems.
ISELUX® SFS	Sodium Lauroyl Methyl Isethionate (and) Cocamidopropyl Betaine (and) Sodium Cocoyl Isethionate (and) Sodium Methyl Oleoyl Taurate		Performance Concentrate	Clear to slightly hazy liquid.	5.5 - 8.5 (when used alone), 4.8 - 8.5 (when used with co-surfactants)	Methylchloroisothiazolinone (and) Methylisothiazolinone	80					Concentrated surfactant blend for use in cleansing products such as shampoos and body washes. Simply add water to dilute and salt to thicken to develop stable systems delivering dense, mild, creamy foam. Now globally approved.
ISELUX® SFS-SB	Sodium Lauroyl Methyl Isethionate (and) Cocamidopropyl Betaine (and) Sodium Cocoyl Isethionate (and) Sodium Methyl Oleoyl Taurate		Performance Concentrate	Clear to slightly hazy liquid.	5.5 - 8.5 (when used alone), 4.8 - 8.5 (when used with co-surfactants)	Sodium Benzoate	80					Concentrated surfactant blend for use in cleansing products such as shampoos and body washes. Simply add water to dilute and salt to thicken to develop stable systems delivering dense, mild, creamy foam. Now globally approved.

Surfactants

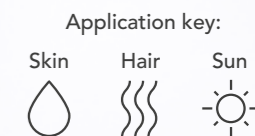
Application key:



COSMOS Sulfate free RSPO NaTrue

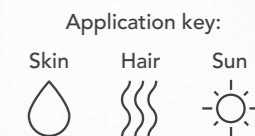
Trade name	INCI Name	Application	Function	Physical form	Formulating pH range	Preservative system	Naturally derived (%)					Features
ISELUX® SLC	Sodium Lauroyl Methyl Isethionate (and) Sodium Lauroamphoacetate (and) Cocamide MIPA		Performance Concentrate	Clear to slightly hazy liquid.	4.8 - 6.0	Sodium Benzoate	77					Cold process, concentrated surfactant for formulating structured, sulfate-free personal care products where high levels of oils and/or silicones, or suspended benefitting agents are desired. Now globally approved.
ISELUX® ULTRA MILD	Sodium Lauroyl Methyl Isethionate (and) Cocamidopropyl Betaine (and) Sodium Methyl Oleoyl Taurate (and) Lauryl Glucoside (and) Coco-Glucoside		Performance Concentrate	Clear and brilliant liquid.	5.5 - 8.5	Sodium Benzoate	81					Concentrated surfactant blend developed for use in cleanser applications where an ultra-mild formulation is desired. Features an extremely low irritancy profile to protect delicate skin and eyes. Now globally approved.
LUXURIACT® ^Σ	Sodium Methyl Cocoyl Taurate		Taurate	28% active, liquid taurate.	3.0 - 11.0	Preservative-free ⁰	85					Pourable, salt-free taurate surfactant designed to meet the need for mild, effective and easy to use ingredients. Cold processable material that allows for reduction of processing time during scale-up manufacture.
LUXURIACT® PLUS ^Σ	Sodium Methyl Cocoyl Taurate		Taurate	28% active, liquid taurate.	3.0 - 11.0	Preservative-free ⁰	85					Pourable, premium taurate surfactant designed to meet the need for mild, effective and easy to use ingredients. Cold processable & salt-free material that allows for reduction of processing time during scale-up manufacture.
NANSA® LSS 38/AS	Sodium C14-16 Olefin Sulfonate		Olefin Sulfonate	38% active, clear liquid.	3.0 - 11.0	2-Bromo-2-Nitropropane 1, 3-Diol	Non-vegetable					EO-free primary anionic surfactant with hard water and electrolyte tolerance. Provides rich lather, for use in cleansing products such as body washes and shampoos. Stable in acidic conditions.
NANSA® LSS 38/AV	Sodium C14-16 Olefin Sulfonate		Olefin Sulfonate	38% active, clear liquid.	3.0 - 11.0	Sodium Benzoate	Non-vegetable					EO-free primary anionic surfactant with hard water and electrolyte tolerance. Provides rich lather, for use in cleansing products such as body washes and shampoos. Stable in acidic conditions.
NANSA® LSS 38/U	Sodium C14-16 Olefin Sulfonate		Olefin Sulfonate	38% active, amber liquid.	3.0 - 11.0	Preservative-free ⁰	Non-vegetable					EO-free primary anionic surfactant with hard water and electrolyte tolerance. Provides rich lather, for use in cleansing products such as body washes and shampoos. Stable in acidic conditions.

Surfactants



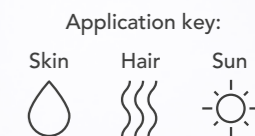
Trade name	INCI Name	Application	Function	Physical form	Formulating pH range	Preservative system	Naturally derived (%)	Application key:				Features
								COSMOS	Sulfate free	RSPO	NaTrue	
NANSA® LSS 480/H	Sodium C14-16 Olefin Sulfonate		Olefin Sulfonate	80% active, fine, off-white powder.	3.0 - 11.0	Preservative-free ⁰	Non-vegetable					High active EO-free primary anionic surfactant with hard water and electrolyte tolerance. Provides rich lather, for use in cleansing products such as body washes and shampoos. Stable in acidic conditions.
NANSA® LSS 495/H	Sodium C14-16 Olefin Sulfonate		Olefin Sulfonate	95% active, fine, off-white powder.	3.0 - 11.0	Preservative-free ⁰	Non-vegetable					High active EO-free primary anionic surfactant with hard water and electrolyte tolerance. Provides rich lather, for use in cleansing products such as body washes and shampoos. Stable in acidic conditions.
NANSA® PC 38/F	Potassium Cocoate		Cocoate	35% active, clear liquid.	8.0 - 11.0	Preservative-free ⁰	100					Traditional cleansing agent often used in liquid soaps.
PUREACT 138	Decyl Glucoside (and) Sodium Lauroyl Lactylate		Performance Concentrate	Clear to slightly hazy yellow to amber liquid.	4.5 - 9.0	Preservative-free ⁰	100					Natural, mild, optimized blend that requires no heat, easy to use, and provides exceptional foaming. Can be used in conjunction with anionic, non-ionic, and amphoteric surfactants.
PUREACT BB	Sodium C14-16 Olefin Sulfonate (and) Cocamidopropyl Betaine (and) Sodium Lauroyl Methyl Isethionate		Performance Concentrate	43-47% active, yellow, flowable liquid that is clear to slightly hazy.	4.8 - 8.5	Sodium Benzoate	42					Concentrated surfactant blend developed for economical sulfate-free personal care products. It is a high foaming, optimized blend producing a crystal clear finished formula. Only requires the addition of water for dilution and sodium chloride for viscosity adjustments.
PUREACT GLT	Sodium Lauroyl Glutamate		Glutamate	20% active, clear, to slightly turbid, yellowish liquid.	4.0 - 11.0	Preservative-free ⁰	100					Naturally derived, mild anionic surfactant for use in rinse-off applications such as facial cleansers, shampoos and hand washes.
PUREACT GLUCO 810	Capryl/Caprylyl Glucoside		Glucoside	50% active, light yellow, turbid liquid.	???	Preservative-free ⁰	100					Mild, naturally derived surfactant that is easy to process.
PUREACT GLUCO 810-CO	Capryl/Caprylyl Glucoside		Glucoside	50% active, light yellow, turbid liquid.	???	Preservative-free ⁰	100					Coconut version of Pureact Gluco 810.
PUREACT GLUCO 818	Coco Glucoside		Glucoside	50% active, light yellow, turbid liquid.	???	Preservative-free ⁰	100					Mild, naturally derived surfactant that is easy to process.

Surfactants



Trade name	INCI Name	Application	Function	Physical form	Formulating pH range	Preservative system	Naturally derived (%)	Application key:				Features
								COSMOS	Sulfate free	RSPO	NaTrue	
PUREACT GLUCO 818-CO	Coco Glucoside		Glucoside	50% active, light yellow, turbid liquid.	???	Preservative-free ^o	100					Coconut version of Pureact Gluco 818.
PUREACT GLUCO 1200	Lauryl Glucoside		Glucoside	50% active, light yellow, turbid liquid/paste.	???	Preservative-free ^o	100					Mild, naturally derived surfactant that can markedly contribute to building viscosity with ISELUX [®] /cocamidopropyl betaine or SLES/cocamidopropyl betaine systems.
PUREACT GLUCO 1200-CO	Lauryl Glucoside		Glucoside	50% active, light yellow, turbid liquid/paste.	???	Preservative-free ^o	100					Coconut version of Pureact Gluco 1200.
PUREACT GLUCO 2000	Decyl Glucoside		Glucoside	50% active, light yellow, turbid liquid.	???	Preservative-free ^o	100					Mild, naturally derived surfactant that provides excellent foaming.
PUREACT GLUCO 2000-CO	Decyl Glucoside		Glucoside	50% active, light yellow, turbid liquid.	???	Preservative-free ^o	100					Coconut version of Pureact Gluco 2000.
PUREACT GLUCO C	Coco-Glucoside		Glucoside	50% active, light yellow turbid liquid.	4.0 - 11.0	Preservative-free ^o	100					Mild, naturally derived surfactant that is easy to process.
PUREACT GLUCO C CO	Coco-Glucoside		Glucoside	50% active, light yellow turbid liquid.	4.0 - 11.0	Preservative-free ^o	100					Coconut version of Pureact Gluco C.
PUREACT GLUCO D	Decyl Glucoside		Glucoside	50% active, light yellow turbid liquid.	4.0 - 11.0	Preservative-free ^o	100					Mild, naturally derived surfactant that provides excellent foaming.
PUREACT GLUCO D CO	Decyl Glucoside		Glucoside	50% active, light yellow turbid liquid.	4.0 - 11.0	Preservative-free ^o	100					Coconut version of Pureact Gluco D.
PUREACT GLUCO L	Lauryl Glucoside		Glucoside	50% active, light yellow turbid liquid/paste.	4.0 - 11.0	Preservative-free ^o	100					Mild, naturally derived surfactant that can markedly contribute to building viscosity with Iselux [®] /cocamidopropyl betaine or SLES/cocamidopropyl betaine systems.
PUREACT GLUCO L CO	Lauryl Glucoside		Glucoside	50% active, light yellow turbid liquid/paste.	4.0 - 11.0	Preservative-free ^o	100					Coconut version of Pureact Gluco L.
PUREACT I-78 FLAKES	Sodium Cocoyl Isethionate		Isethionate	78% active, off-white flakes.	6.0 - 8.0 ^{II}	Preservative-free ^o	100					Sulfate-free mild anionic surfactant for opaque systems. Ideal for use in syndet/combo bars.

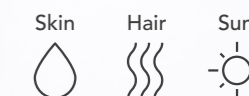
Surfactants



Trade name	INCI Name	Application	Function	Physical form	Formulating pH range	Preservative system	Naturally derived (%)	Application key:				Features
								COSMOS	Sulfate free	RSPO	NaTrue	
PUREACT I-78C	Sodium Cocoyl Isethionate		Isethionate	78% active, off-white, easy to disperse noodle.	6.0 - 8.0 ^{II}	Preservative-free ⁰	86					Sulfate-free mild anionic surfactant for opaque systems. Ideal for use in syndet/combo bars.
PUREACT I-78P	Sodium Cocoyl Isethionate		Isethionate	78% active, fine white powder.	6.0 - 8.0 ^{II}	Preservative-free ⁰	86					Sulfate-free mild anionic surfactant for opaque systems. Ideal for use in syndet/combo bars.
PUREACT I-85C	Sodium Cocoyl Isethionate		Isethionate	85% active, easy to disperse noodle.	6.0 - 8.0 ^{II}	Preservative-free ⁰	86					Sulfate-free mild anionic surfactant for opaque systems. Ideal for use in syndet/combo bars.
PUREACT I-85E FLAKES	Sodium Cocoyl Isethionate		Isethionate	85% active, white to off-white flakes or chips.	6.0 - 8.0 ^{II}	Preservative-free ⁰	86					Sulfate-free, low free fatty acid, mild anionic surfactants for opaque systems. Ideal for use in syndet/combo bars. Imparts elegant pearlescent effect.
PUREACT I-85EC	Sodium Cocoyl Isethionate		Isethionate	85% active, white to off-white, easy to disperse noodles.	6.0 - 8.0 ^{II}	Preservative-free ⁰	86					Sulfate-free, low free fatty acid, mild anionic surfactants for opaque systems. Ideal for use in syndet/combo bars. Imparts elegant pearlescent effect.
PUREACT I-85F	Sodium Cocoyl Isethionate		Isethionate	85% active, white to off-white flakes or chips.	6.0 - 8.0 ^{II}	Preservative-free ⁰	86					Sulfate-free mild anionic surfactant for opaque systems. Ideal for use in syndet/combo bars.
PUREACT I-85 P	Sodium Cocoyl Isethionate		Isethionate	85% active powder.	6.0 - 8.0	Preservative-free ⁰	86					Sulfate-free mild anionic surfactant for opaque systems. Ideal for use in syndet/combo bars.
PUREACT LAA	Sodium Lauroamphoacetate		Amphoacetate and Amphodiacetate	30% active, yellow, to amber liquid.	3.0 - 11.0	Preservative-free ⁰	66					Mild amphoteric co-surfactant for use in cleansing products such as shampoos, body wash and baby care. Excellent compatibility with anionic, non-ionic and cationic surfactants. Stable over a wide pH range. Helps mitigate irritation from primary surfactant.
PUREACT LSR	Sodium Lauroyl Sarcosinate		Sarcosinate	30% active, clear, almost colorless liquid.	3.0 - 11.0	Sodium Benzoate	80					Sulfate-free anionic surfactant, providing dense lather and aiding foam stability. Can be used in clear formulations and is stable over a wide pH range. Ideal co-surfactant.

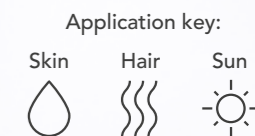
Surfactants

Application key:



Trade name	INCI Name	Application	Function	Physical form	Formulating pH range	Preservative system	Naturally derived (%)	Application key:				Features
								COSMOS	Sulfate free	RSPO	NaTrue	
PUREACT MS-CG	Sodium Methyl Oleoyl Taurate		Taurate	30% active, viscous material.	3.0 - 11.0	Preservative-free ^o	86					Low odor and low color long-chain viscosity building surfactant that is stable across a broad pH range and is a moderate foamer.
PUREACT OCT	Sodium Methyl Cocoyl Taurate		Taurate	Fine powder.	3.0 - 11.0	Preservative-free ^o	81					Low NaCl grade for oral care applications, powder grade suitable for solid formats, bars and liquid concentrates.
PUREACT SCG	Sodium Cocoyl Glycinate		Glycinate	30% solids, almost clear liquid.	4.0 - 10.0 (for opaque systems) 6.0 - 10.0 (for clear systems)	Preservative-free ^o	86 [†]					Mild, sulfate-free primary or secondary surfactant.
PUREACT SFB	Sodium Lauroyl Methyl Isethionate (and) Sodium Cocoyl Isethionate (and) Sodium Methyl Lauroyl Taurate (and) Trisodium Ethylenediamine Disuccinate		Performance Concentrate	Flowable liquid.	6.0 - 8.0	Pentylene Glycol (and) Caprylyl Glycol (and) Propanediol (and) Ethylhexylglycerin	81					A unique, mild, sulfate-free surfactant blend. NaCl-free, 1,4-dioxane free and cold process.
PUREACT SIB-10 [#]	Disodium Laureth Sulfosuccinate (and) Sodium Cocoyl Isethionate (and) Cocamidopropyl Betaine		Performance Concentrate	Clear liquid.	6.0 - 8.0	Phenoxyethanol (and) Ethylhexylglycerin	63					Alkyl and alkyl ether sulfate-free, ultra-mild, sulfate-free, multi-purpose surfactant concentrate that is optimized to produce excellent foaming in finished products.
PUREACT SLG	Sodium Lauroyl Glycinate		Glycinate	30% solids, almost clear liquid.	4.0 - 10.0 (for opaque systems) 6.0 - 10.0 (for clear systems)	Preservative-free ^o	86 [†]					Mild, sulfate-free primary or secondary surfactant.
PUREACT SLI	Sodium Lauroyl Isethionate		Isethionate	80% active, white flakes.	6.0 - 8.0 ^{††}	Preservative-free ^o	86					Very high foaming sulfate-free mild anionic surfactant.

Surfactants



Trade name	INCI Name	Application	Function	Physical form	Formulating pH range	Preservative system	Naturally derived (%)	Application key:				Features
								COSMOS	Sulfate free	RSPO	NaTrue	
PUREACT SNDT-65	Sodium Cocoyl Isethionate (and) Stearic Acid		Isethionate Surfactant Blend	64-68% active, white to off-white flakes.	4.0 - 10.0	Preservative-free ⁰	86					Optimized syndet base surfactant blend for dense luxurious lather in combo and syndet bars.
PUREACT SNDT-CB [#]	Sodium Cocoyl Isethionate (and) Stearic Acid (and) Sodium Lauroyl Methyl Isethionate (and) Coconut Acid (and) Sodium Isethionate		Isethionate Surfactant Blend	55-70% active, hard solid (pastille, flake, needle or granule).	4.0 - 10.0	Preservative-free ⁰	86					A unique, ready-to-use, flaked base which is intended to be used in combo bars. Designed for use in combo bars between 10% and 30%, as is. This patent pending blend of SCI and Iselux [®] is easy to process and leaves the bar smooth at both cold and hot water temperatures.
PUREACT T-A*	Trideceth-7 Carboxylic Acid		Carboxylic Acid	90% active, clear light yellow, slightly viscous liquid.	4.0 - 10.0	Preservative-free ⁰	Non-vegetable					Free acid surfactant designed to improve mildness and conditioning of products.
PUREACT TR-L90	Sodium Methyl Lauroyl Taurate		Taurate	90% active, off-white to tan flake or chip.	6.0 - 8.0	Preservative-free ⁰	85					Mild anionic surfactant with very low level of residual sodium chloride.
PUREACT WS	Sodium Methyl Cocoyl Taurate		Taurate	24% active, off-white, pearlescent soft paste.	3.0 - 11.0	Preservative-free ⁰	85					High flash-foaming mild anionic surfactant for transparent formulations, stable at extreme pH; easy to handle at room temperature. Based on coconut.
PUREACT WS-28 ³	Sodium Methyl Cocoyl Taurate		Taurate	28% active white to off-white, soft paste.	3.0 - 11.0	Preservative-free ⁰	81					High flash foaming mild anionic surfactant for transparent formulations, stable at extreme pH. Foaming agent for use in oral care applications. Based on coconut. Lower processing temperatures than Pureact WS Conc.
PUREACT WS CONC	Sodium Methyl Cocoyl Taurate		Taurate	30% active, off-white, pearlescent, soft paste.	3.0 - 11.0	Preservative-free ⁰	85					High flash foaming mild anionic surfactant for transparent formulations, stable at extreme pH. Foaming agent for use in oral care applications. Based on coconut.
PUREACT WS-70	Sodium Methyl Cocoyl Taurate		Taurate	20% active liquid.	3.0 - 11.0	Preservative-free ⁰	85					High flash foaming mild anionic surfactant for transparent formulations, stable at extreme pH. Foaming agent for use in oral care applications. Based on coconut.
PUREACT WSP	Sodium Methyl Cocoyl Taurate		Taurate	75% active, white, free-flowing powder.	3.0 - 11.0	Preservative-free ⁰	85					High flash foaming mild anionic surfactant for transparent formulations, stable at extreme pH. Foaming agent for use in oral care applications. Based on coconut.



Innospec has a proven track record in personal care. Our ingredients are used in many of the most popular-selling brands on sale in the world today. We are ready to support your next formulation project, so let's talk.

For inspiration, ideas or further information, please contact us:

Innospec Performance Chemicals

www.innospecpersonalcare.com

Americas

Tel: +1 704 633 8028

Europe, Middle East and Africa

Tel: +44 (0) 151 355 3611

Asia-Pacific

Tel: +65 6336 6286

Email: personalcare@innospecinc.com

- ° denotes that Natrlquest is a registered trade mark in the UK, the European Union and the USA in the name of Innospec Ltd.
- ° denotes that Finsolv is a registered trade mark in the USA in the name of Innospec Active Chemicals.
- ° denotes that Iselux is a registered trade mark in the UK and the USA in the name of Innospec Ltd.
- ° denotes that Dimethisil, Emulsil, Gelaid, Microsil, Shineblend and Volasil are registered trademarks in the USA in the name of Chemsil Silicones Inc, an Innospec Company.
- ° denotes that Sunsolv is a registered trademark in the UK in the name of Innospec Ltd.

The facts stated and the recommendations made are based on our own research and/or the research of others, and are believed to be accurate. No guarantee of their accuracy is made, however, and unless otherwise expressly provided by law or in written contract, the materials are sold without warranties, expressed or implied, in particular without guarantee as to suitability for particular purpose. Innospec assumes no responsibility for injury or damage to users or third parties. Recipient agrees to assume all risk and liability whether used singly or in combination with other materials.

The information we provide should not be construed as a license to operate under or a recommendation to infringe any patent or other intellectual property right, and you should ensure that your use does not infringe any such rights.