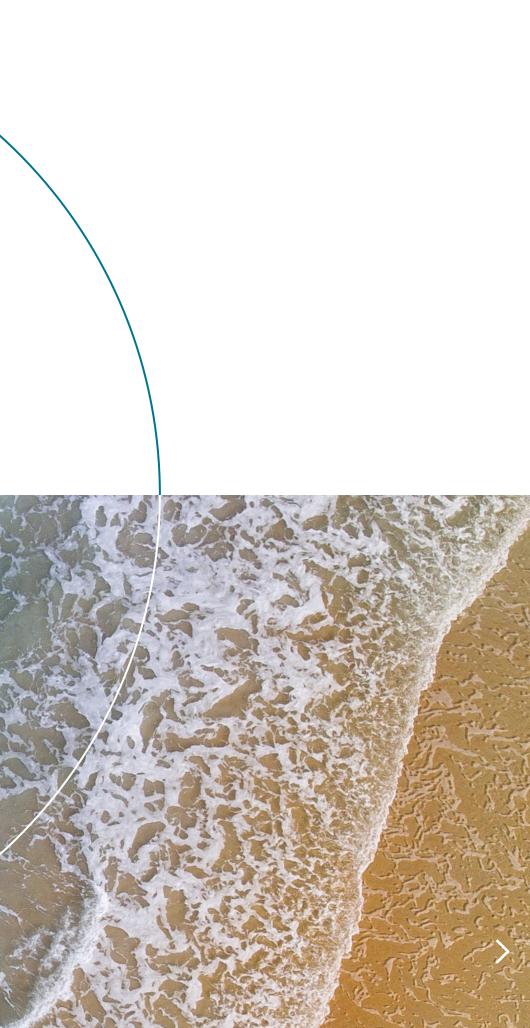
EXPLORE

regeneration

product guide 2022

join our journey to a more sustainable future

innospec



EXPLORE

regeneration

Join us on our journey to a more sustainable future

Hello and welcome to our latest product catalogue. This catalogue enables you to explore our ingredients for beauty & personal care. In a world that demands uniqueness, efficacy and sustainability, our ingredients provide endless opportunities to help you stand out from the crowd. Combine our marketing expertise and technical knowledge, we have the right blend of science and creativity to capture your needs to develop your next regenerative formulation.

Regeneration is the next step in sustainability and captures the consumer need for more than just sustainability. Our range really has it all to conquer sustainability and regeneration. Not only are we the market leaders in sulfate-free formulating, but our ingredients also create opportunities for zero waste formulations, special textured formulations such as jellies and whips and natural formulations that meet the COSMOS, EcoCert, 1,4-dioxane free and NaTrue certifications.

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

Find by function

Anti-Aging a

Anti-Bacteri

Carbonates

Chelating Ag

Conditionin

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Surfactants

join our journey to a more sustainable future

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Anti-Ageing and Brightening Agents

Extracted from sustainably harvested seaweeds, this range of clinically proven skin brightening agents helps to increase radiance, reduce redness, and provide soothing properties for skin.

redness, and provide sooth	ning properties for skin.						COSMOS	Sulfate free	RSPO	NaTrue	
Trade name	INCI Name	Application	Function	Physical form	Preservative system	Naturally derived (%)	A.	S	×		Features
MARITECH® BRIGHT	Fucus Vesiculosus Extract	\bigcirc	Anti-ageing and Brightening Agent	Mid to dark-brown powder.	Preservative-free [◊]	100					A clinically proven skin brightening ingredient which significantly increases radiance and reduces the pigmentation of age spots. Luminact fucoidan products are extracted from sustainably harvested seaweeds.
MARITECH [®] REVERSE	Undaria Pinnatifida Extract	\bigcirc	Anti-ageing and Brightening Agent	Off-white to brown powder.	Preservative-free [◊]	100					A clinically proven skin brightening ingredient that provides soothing, protecting and anti-aging properties. Luminact fucoidan products are extracted from sustainably harvested seaweeds.

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.

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

†Empigen® BKC 50 available in the US. [®]Low microbial susceptibility, due to product pH, electrolyte level, water activity or combination thereof.

Ant-Aging and Brightening

Anti-Bacterial Agent

rial Carbonate

Chelating Conditioning Agent Agent Dispersant

Emollients & Solvents mulsifier

ydrotrope

Concentrate

Application key:



03 🔪

Pearlizer and Viscosity Modifier Rheology Modifier

Self-Emulsifying Wax



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 nameINCl NameApplicationFunctionPhysical formPreservative systemNaturally derived (%)Image: Constraint of the systemImage: Constraint of the system<									free		
ACTIVEMOL GC Hydroxypropylene Carbonate ())) Carbonate T00% active liquid. No preservative 75 toxicity, low evaporation rate and low flammability.	Trade name	INCI Name	Application	Function	Physical form	Preservative system	Naturally derived (%)	A.	A state of the	×	Features
Solvent with wetting and moisturizing properties, low	ACTIVEMOL GC	Hydroxypropylene Carbonate	\bigcirc $\parallel\!$	Carbonate	100% active liquid.	No preservative	75				
toxicity, low evaporation rate and low flammability.	ACTIVEMOL PC	Propylene Carbonate	\bigcirc $\parallel\!$	Carbonate	100% active liquid.	No preservative	Non-vegetable				

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 (%)	N	∑ ₽
NATRLQUEST® E30	Trisodium Ethylenediamine Disuccinate	\bigcirc $\parallel\!$	Chelating Agent	37% active, pale, clear liquid.	No preservative	Non-vegetable		
NATRLQUEST® E80	Trisodium Ethylenediamine Disuccinate	\bigcirc \$	Chelating Agent	80% active, white powder.	No preservative	Non-vegetable		

Carbonate Ant-Aging and Anti-Bacterial Chelating Conditioning Dispersant Emollients & Brightening Agent Agent Agent

innospec >>

Application key:



COSMOS Sulfate RSPO NaTrue

COSMOS Sulfate RSPO NaTrue Features Unique readily biodegradable chelating agent. Effective as a preservative potentiator and anti-oxidant in formulations. Free acid form. Unique readily biodegradable chelating agent. Effective as a preservative potentiator and anti-oxidant in formulations.

04 >

Pearlizer and Viscosity Modifier Rheology Modifier

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 (%)	Z	
ACTIVSOFT C-13	Guar Hydroxypropyltrimonium Chloride	\bigcirc ///	Conditioning Agent	Yellow, free-flowing powder.	-	67		
ACTIVSOFT C-14	Guar Hydroxypropyltrimonium Chloride	\bigcirc ///	Conditioning Agent	Yellow, free-flowing powder.	-	67		
ACTIVSOFT C-14 MR	Guar Hydroxypropyltrimonium Chloride	\bigcirc ///	Conditioning Agent	Yellow, free-flowing powder.	-	67		
ACTIVSOFT C-14H	Guar Hydroxypropyltrimonium Chloride	\bigcirc \parallel	Conditioning Agent	Yellow, free-flowing powder.	-	67		
ACTIVSOFT C-17	Guar Hydroxypropyltrimonium Chloride	\bigcirc \$	Conditioning Agent	Yellow, free-flowing powder.	-	67		
ACTIVSOFT CD	Guar Hydroxypropyltrimonium Chloride	\bigcirc	Conditioning Agent	White to light, yellowish, fine powder.	-	67		
CONDICARE CT*	Quaternium-75	\bigcirc \parallel	Conditioning Agent	25% active, pale yellow, clear to hazy liquid.	-	Non-vegetable		
CONDICARE PQ10-4	Polyquaternium-10	\bigcirc ///	Conditioning Agent	Light yellow powder.	-	Synthetic		
EMPIGEN [®] S18	Stearamidopropyl Dimethylamine	\bigcirc ///	Conditioning Agent	White, waxy flakes.	-	78		

*Non-reach compliant product.

Ant-Aging and Brightening

Anti-Bacterial Carbonate Agent

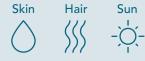
Chelating Agent

Conditioning Agent

Dispersant

Emollients &

Application	key:
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	COSMOS	Sulfate free	RSPO	NaTrue	
	A.	S	×	()	Features
					Self-hydrating moderately charged cationic conditioning polymer for skin and hair. For use in clear-in-hand and opaque liquid formulations and soap bars.
					Moderately charged cationic conditioning polymer for skin and hair. For use in clear-in-hand and opaque liquid formulations and soap bars.
					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.
					Similar to Activsoft C-14 but with a higher viscosity.
					Highly charged cationic conditioning polymer for skin and hair. For use in clear-in-hand and opaque liquid formulations and soap bars.
					Medium cationic charge, low viscosity guar for skin care applications. For use in clear-in-hand and opaque liquid formulations and soap bars.
è					Mild conditioning agent for skin and hair.
					Polymeric cationic conditioning agent compatible with anionic, nonionic, cationic and amphoteric systems. Gives effective deposition of silicones onto the hair when used in 2-in-1 shampoos containing dimethicones, etc.
					Silicone-free hair conditioning agent, minimizes the build-up effect, provides conditioning and antistatic effect. Formulation viscosity builder.



Rheology Modifier

05 >

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.

Dispersant Amber to brown, viscous liquid. Preservative-free*	properties of metal oxide po	owders and also slow pigment ag	gglomeration.					COSMOS	Sulfate free	RSPO NaTi	ue
Dispersant Amber to brown, viscous liquid. Preservative-free ^o	Trade name	INCI Name	Application	Function	Physical form	Preservative system	Naturally derived (%)	X	×		Features
Excellent dispersants for metal oxides in sunscreens	DISPERSUN DSP-OL100	Polyhydroxystearic Acid	-; ċ ;- ()	Dispersant	Amber to brown, viscous liquid.	Preservative-free [◊]	100				Excellent dispersants for metal oxides in sunscreens and cosmetics. Suitable for non-aqueous systems.
Dispersant Amber to brown, viscous paste. Preservative-free cosmetics. Suitable for non-aqueous systems.	DISPERSUN DSP-OL300	Polyhydroxystearic Acid	-;oʻ:- ()	Dispersant	Amber to brown, viscous paste.	Preservative-free [◊]	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.

optimum texture and funct	ionality. Our solubilizers and emc	ollients provide e	COSMOS	Sulfate free	RSPO	NaTrue					
Trade name	INCI Name	Application	Function	Physical form	Preservative system	Naturally derived (%)	A.		×		Features
ACTIVEMOL DOM-R	Diethylhexyl Maleate		Aliphatic Ester	Clear, almost colorless liquid.	Preservative-free [◊]	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 [◊]	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.

*Non-reach compliant product. ⁰Low microbial susceptibility, due to product pH, electrolyte level, water activity or combination thereof.

Ant-Aging and Brightening

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Conditioning Agent

Dispersant I

Emollients & Solvents nulsifier

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Concentrate

innospec >>

Application key:





Pearlizer and Viscosity Modifier Rheology Modifier

Self-Emulsifying Wax

Emollients & Solvents cont

Linoments	C JOIVEIILS cont						COSMOS S	Sulfate free	RSPO	NaTrue	Skin Hair Sun $\langle \rangle \rangle = \langle \rangle = $
Trade name	INCI Name	Application	Function	Physical form	Preservative system	Naturally derived (%)	R	S	*		Features
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 suncreens, 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.

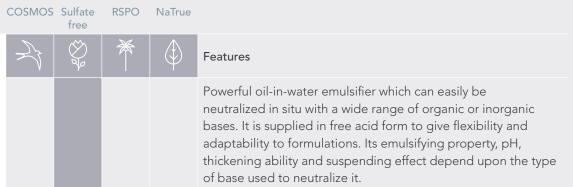
Trade name	INCI Name	Application	Function	Physical form	Preservative system	Naturally derived (%)	X	A state of the
EMPIPHOS [®] O3D	Oleth-3 Phosphate	\ \\\	Emulsifier	99% active liquid.	Preservative-free [◊]	56		

⁰Low microbial susceptibility, due to product pH, electrolyte level, water activity or combination thereof.

Ant-Aging and Brightening	Anti-Bacterial Agent	Carbonate	Chelating Agent	Conditioning Agent	Dispersant	Emollients & Solvents	Emulsifier	Hydrotrope	Pearl Concentrate
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innospec 🔈

Application key:



07 >

Surfactant

Pearlizer and Viscosity Modifier Rheology Modifier

Self-Emulsifying Wax

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.

								free
Trade name	INCI Name	Application	Function	Physical form	Preservative system	Naturally derived (%)	Z	
ELTESOL [®] SC 40	Sodium Cumenesulfonate	\bigcirc	Hydrotrope	40% active liquid.	Preservative-free [◊]	Non-vegetable		
ELTESOL [®] SX 40	Sodium Xylenesulfonate	\bigcirc ///	Hydrotrope	40% active liquid.	Preservative-free [◊]	Non-vegetable		

Pearl Concentrates

Our unique range of pearli	zers and pearl concentrates are po	ersonal care ing	COSMOS Sulfate RSPO NaTrue free								
Trade name	INCI Name	Application	Function	Physical form	Preservative system	Naturally derived (%)	Z	$\mathcal{O}_{\mathcal{P}}$	×	٢	Features
EMPIPEARL® XA 200/X	Sodium Laureth Sulfate (and) Glycol Cetearate (and) Cocamidopropyl Betaine	\bigcirc ///	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 pearlizing effect.
EMPIPEARL® XA 300/G	Sodium Laureth Sulfate (and) Glycol Distearate (and) Cocamide MEA (and) Cocamidopropyl Betaine	\bigcirc ///	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 pearlizing effect.
EMPIPEARL® XA 300/X	Sodium Laureth Sulfate (and) Glycol Distearate (and) Cocamide MEA (and) Cocamidopropyl Betaine	\bigcirc \$	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 pearlizing effect.

⁰Low microbial susceptibility, due to product pH, electrolyte level, water activity or combination thereof.

Ant-Aging and Brightening

Anti-Bacterial Agent

Carbonate

Chelating Agent

Conditioning Agent

Dispersant

Emollients &

Hydrotrope

innospec

Application key:



COSMOS Sulfate RSPO NaTrue

Features

Solubilizing, coupling and viscosity modifying agent, increases the cloud point of non-ionics, recommended in cosmetic products based on ammonium and amine salts.

Solubilizing, coupling and viscosity modifying agent, increases the cloud point of non-ionics, recommended in cosmetic products based on ammonium and amine salts.

Pearlizer and Viscosity Modifier

08

Pearl Concentrates cont

							COSMOS	Sulfate
Trade name	INCI Name	Application	Function	Physical form	Preservative system	Naturally derived (%)	A	$\bigotimes_{\mathbb{R}^2}$
EMPIPEARL® XA 400/X	Sodium Laureth Sulfate (and) Glycol Distearate (and) Cocamide MEA (and) Laureth-10	\bigcirc	Pearl Concentrate	40% active, soft paste.	Methylchloroisothiazolinone (and) Methylisothiazolinone	>80		
EMPIPEARL® XA 500/X	Sodium Laureth Sulfate (and) Glycol Cetearate (and) Cocamide DEA	\ \\\	Pearl Concentrate	40% active, paste.	Methylchloroisothiazolinone (and) Methylisothiazolinone	80		

Pearlizer and Viscosity Modifiers

Our unique range of pearl	zers and pearl concentrates are p	ersonal care ing	COSMOS Sulfate RSPO NaTrue free								
Trade name	INCI Name	Application	Function	Physical form	Preservative system	Naturally derived (%)	A.	Solution	*	(Features
EMPILAN [®] EGDS/A	Glycol Distearate	\bigcirc ///	Pearlizer and Viscosity Modifier	100% active, off-white flakes.	Preservative-free [◊]	94					Pearlizing agent, opacifier, oil soluble emulsifier and viscosity modifier in personal cleansing systems.
EMPILAN [®] EGMS	Glycol Cetearate / Stearate	\bigcirc ///	Pearlizer and Viscosity Modifier	100% active, off-white flakes.	Preservative-free [◊]	89					Pearlizing agent, opacifier, oil soluble emulsifier and viscosity modifier.
LAUREX [®] CS	Cetearyl Alcohol	\bigcirc ///	Pearlizer and Viscosity Modifier	100% active, off-white flakes.	Preservative-free [◊]	100					Viscosity, consistency and skin feel modifier. Oil soluble co-emulsifier. Emollient viscosity builder in creams, lotions and conditioners.

⁰Low microbial susceptibility, due to product pH, electrolyte level, water activity or combination thereof.

Ant-Aging and Brightening

Anti-Bacterial Agent

Carbonate

Chelating Agent

Conditioning Agent

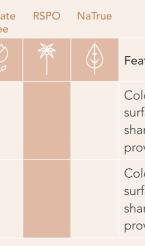
Dispersant

Emollients &

innospec >>

Application key:





Features

Cold processable concentrated blend of anionic and non-iocnic surfactants. For use in rinse-off cleansing products such as shampoo and body wash. Few percentages in the formulation provide rich and dense pearlizing effect.

Cold processable concentrated blend of anionic and non-iocnic surfactants. For use in rinse-off cleansing products such as shampoo and body wash. Few percentages in the formulation provide rich and dense pearlizing effect.

09 >

Pearlizer and Viscosity Modifier Rheology Modifier

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 Cyanopsis 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.

Trade name INCI Name	Application	Function	Physical form	Preservative system	Naturally derived (%)	ZZ	
ACTIVSOFT S Cyamopsis Tetragonol (Guar) Gum	oba	Rheology Modifier	Off-white to pale yellow powder.	-	100		

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. Empiway® has a high electrolyte tolerance with some dispersing, thickening and solubilizing properties

cosmetics which contain oil and water. Emplwax [®] has a high electrolyte tolerance with some dispersing, thickening and solubilizing properties.										NaTrue	
Trade name	INCI Name	Application	Function	Physical form	Preservative system	Naturally derived (%)	A.	× N	×		Features
EMPIWAX [®] CL	Cetearyl Alcohol (and) Ceteareth-25	\bigcirc ///	Self-Emulsifying Wax	100% active, off-white flakes.	Preservative-free [◊]	>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	\bigcirc ///	Self-Emulsifying Wax	100% active, off-white flakes.	Preservative-free [◊]	100					Emulsifying wax with high electrolyte tolerance, dispersing, thickening and solubilizing properties. For use in skin, body and baby care.

⁰Low microbial susceptibility, due to product pH, electrolyte level, water activity or combination thereof.

Ant-Aging and Brightening

Chelating Conditioning Agent Agent

Dispersant

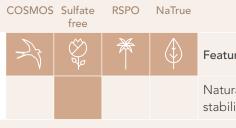
Emollients &

Hydrotrope

innospec

Application key:





Features

Naturally derived viscosity-building polymer and foam stabilizer. Does not require neutralization.



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.

formulating with surfactant	5.							COSMOS	Sulfate free	RSPO	NaTrue	
Trade name	INCI Name	Application	Function	Physical form	Formulating pH range	Preservative system	Naturally derived (%)	Z	$\bigotimes_{\mathbf{R}}$	×		Features
AMINOL [®] CM FLAKES*	Cocamide MEA	\bigcirc \$	Cocamide	Light tan flakes.	5.0 - 11.0	Preservative-free [◊]	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	\bigcirc ///	Alkyl and Alkyl Ether Sulfate	92% active, fine, off-white powder.	3.5 - 11.0	Preservative-free [◊]	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	\bigcirc ///	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	\bigcirc \$	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	\bigcirc ///	Alkyl and Alkyl Ether Sulfate	68% active, soft paste.	5.5 - 6.5	Preservative-free [◊]	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 [◊]	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 [◊]	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.

*Non-reach compliant product. ⁰Low microbial susceptibility, due to product pH, electrolyte level, water activity or combination thereof.

Ant-Aging and

Brightening

Anti-Bacterial Agent

Carbonate

Chelating Agent

Conditioning Agent

Dispersant

Emollients &

innospec

Application key:



Pearlizer and Viscosity Modifier Rheology Modifier

11 >

Formulating Naturally INCI Name Application Physical form Trade name Function Preservative system pH range derived (%) 92% active, fine, \bigcirc \$EMPICOL® CZ/N** Sodium Coco Sulfate Alkyl and Alkyl Ether Sulfate 3.5 - 11.0 Preservative-free[◊] 100 off-white powder. \bigcirc \$92% active, off-white Alkyl and Alkyl Ether Sulfate 3.5 - 11.0 100 EMPICOL[®] CZV/N Sodium Coco Sulfate Preservative-free[◊] powder. \bigcirc \$70% active, soft Alkyl and Alkyl Ether Sulfate 5.5 - 6.5 68 EMPICOL[®] EAC 70 Ammonium Laureth Sulfate Preservative-free[◊] paste. \bigcirc \$70% active, soft Alkyl and Alkyl Ether Sulfate 5.0 - 7.0 68 EMPICOL[®] EGC 70 Magnesium Laureth Sulfate Preservative-free[◊] paste \bigcirc \$33% active, clear Methylchloroisothiazolinone 86 Alkyl and Alkyl Ether Sulfate 4.5 - 11.0 EMPICOL® LQ 33/TX MEA-Lauryl Sulfate (and) Methylisothiazolinone liquid. \bigcirc \$92% active, fine, Alkyl and Alkyl Ether Sulfate EMPICOL[®] LX/B Sodium Lauryl Sulfate 3.5 - 11.0 Preservative-free[◊] 100 off-white powder. \bigcirc \$92% active, fine, Alkyl and Alkyl Ether Sulfate 3.5 - 11.0 100 EMPICOL[®] LX/N** Sodium Lauryl Sulfate Preservative-free[◊] off-white powder. 92% active, off-white \bigcirc \$Alkyl and Alkyl Ether Sulfate 3.5 - 11.0 100 EMPICOL[®] LXV/B Sodium Lauryl Sulfate Preservative-free[◊] needles. \bigcirc \$92% active, off-white 3.5 - 11.0 Alkyl and Alkyl Ether Sulfate 100 EMPICOL® LXV/N** Preservative-free[◊] Sodium Lauryl Sulfate needles.

**US & European Pharmacopoeia Compliant. ⁰Low microbial susceptibility, due to product pH, electrolyte level, water activity or combination thereof.

Ant-Aging and

Anti-Bacterial Carbonate Agent Chelating Agent Conditioning Agent Dispersant

Emollients & Solvents nulsifier

Hydrotrope

Concentrate

COSMOS Sulfa

innospec >>

Application key:



ate ee	RSPO	NaTrue	\bigcirc /// \sim
	×		Features
			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.
			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.
			High active primary anionic surfactant providing rich lather. For use in cleansing products such as shampoos and body washes.
			High active primary anionic surfactant providing rich lather. For use in cleansing products such as shampoos and body washes.
			EO-free primary anionic surfactant providing rich lather. For use in rinse-off cleansing products such as shampoos and body washes.
			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.
			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.
			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.
			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.

Pearlizer and Viscosity Modifier Rheology Modifier Self-Emulsifying Wax

Formulating Naturally INCI Name Function Physical form Trade name Application Preservative system derived (%) pH range 92% active, off-white \bigcirc \$EMPICOL[®] LZ/B Alkyl and Alkyl Ether Sulfate 3.5 - 11.0 Preservative-free[◊] 100 Sodium Lauryl Sulfate powder. 92% active, off-white \bigcirc \$Alkyl and Alkyl Ether Sulfate 3.5 - 11.0 100 EMPICOL[®] LZ/N** Sodium Lauryl Sulfate Preservative-free[◊] powder. \bigcirc \$92% active, off-white 3.5 - 11.0 Alkyl and Alkyl Ether Sulfate 100 EMPICOL[®] LZV/B Sodium Lauryl Sulfate Preservative-free[◊] needles. \bigcirc \$92% active, off-white 3.5 - 11.0 Alkyl and Alkyl Ether Sulfate EMPICOL[®] LZV/N** Sodium Lauryl Sulfate Preservative-free[◊] 100 needles. Disodium Laureth \bigcirc \$33% active, clear EMPICOL[®] SDD/O Sulfosuccinate 5.5 - 8.0 Sodium Benzoate 56 Sulfosuccinate liquid. 40% active, clear Methylchloroisothiazolinone \bigcirc \$EMPICOL® TL 40/X **TEA-Lauryl Sulfate** Alkyl and Alkyl Ether Sulfate 4.5 - 11.0 68 (and) Methylisothiazolinone liquid Sodium C14-16 Olefin Sulfonate (and) Sodium 50% active, soft \bigcirc \$EMPICOL[®] XCT 14 Performance Concentrate 4.0 - 11.0 Preservative-free[◊] >5 Cocoamphoacetate (and) paste. Cocamide MEA Disodium Amphoacetate and 50% solid, clear \bigcirc \$EMPIGEN[®] 5151 3.0 - 11.0 Preservative-free[◊] 66 Amphodiacetate Cocoamphodiacetate liquid.

**US & European Pharmacopoeia Compliant. ⁰Low microbial susceptibility, due to product pH, electrolyte level, water activity or combination thereof.

Ant-Aging and

Anti-Bacterial Brightening

Carbonate Agent

Chelating Agent

Conditioning Agent

Dispersant

Emollients & Solvents

Hydrotrope

COSMOS Sulfate RSPO NaTrue free $\langle \rangle$ Features 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. 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. 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. 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. Mild anionic surfactant with excellent foaming characteristics. For use in cleansing products such as shampoo, body wash and baby care. EO-free primary anionic surfactant providing rich lather. For use in rinse-off cleansing products such as shampoos and body washes. Concentrated sulfate-free surfactant blend with low irritation profile and optimized foam characteristics. For use in cleansing products such as shampoos and body wash. 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.

innospec >>

Application key:





Pearlizer and /iscosity Modifie

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Trade name	INCI Name	Application	Function	Physical form	Formulating pH range	Preservative system	Naturally derived (%)	Z
EMPIGEN [®] BB	Lauryl Betaine	\bigcirc ///	Betaine	30% active, clear liquid.	3.0 - 11.0	Preservative-free [◊]	76	
EMPIGEN [®] BB/HP	Lauryl Betaine	\bigcirc ///	Betaine	30% active, clear liquid.	3.0 - 11.0	Preservative-free [◊]	76	
EMPIGEN [®] BS/FA	Cocamidopropyl Betaine	\bigcirc ///	Betaine	30% active, clear liquid.	3.0 - 11.0	Preservative-free [◊]	68	
EMPIGEN [®] BS/H50	Cocamidopropyl Betaine	\bigcirc ///	Betaine	35% active, clear liquid.	3.0 - 11.0	Preservative-free [◊]	66	
EMPIGEN [®] BS/O*	Cocamidopropyl Betaine	\bigcirc ///	Betaine	30% active, clear liquid.	3.0 - 11.0	Preservative-free [◊]	68	
EMPIGEN [®] BS/O-AV*	Cocamidopropyl Betaine	\bigcirc ///	Betaine	30% active, clear liquid.	3.0 - 11.0	Sodium Benzoate	68	
EMPIGEN [®] BS/O-N*	Cocamidopropyl Betaine	\bigcirc ///	Betaine	30% active, clear liquid.	3.0 - 11.0	Preservative-free [◊]	68	

*Non-reach compliant product. ⁰Low microbial susceptibility, due to product pH, electrolyte level, water activity or combination thereof.

Ant-Aging and

Brightening

Anti-Bacterial Carbonate Agent

Chelating Agent

Conditioning Agent

Dispersant

Emollients &

COSMOS

innospec >>

Application key:



Sulfate free	RSPO	NaTrue	
Solution	×	()	Features
			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.
			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.
			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.
			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.
			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.
			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.
			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.

Pearlizer and Viscosity Modifier Rheology Modifier

								COSMOS	Sulfate free	RSPO	NaTrue	
Trade name	INCI Name	Application	Function	Physical form	Formulating pH range	Preservative system	Naturally derived (%)	X	Solution	×	٢	Features
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 [®] CBET	Coco-Betaine	\bigcirc ///	Betaine	30% active, clear liquid.	3.0 - 11.0	Preservative-free [◊]	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	35% active, clear liquid.	3.0 - 11.0	Preservative-free [◊]	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 [◊]	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 2M	Sodium Cocoamphoacetate (and) Disodium Cocoamphodiacetate	\`\\\	Amphoacetate and Amphodiacetate	50% active, clear liquid.	3.0 - 11.0	Preservative-free [◊]	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	40% active, clear liquid.	3.0 - 11.0	Preservative-free⁰	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.

*Non-reach compliant product. ⁰Low microbial susceptibility, due to product pH, electrolyte level, water activity or combination thereof.

Ant-Aging and

Brightening

Anti-Bacterial Agent

Carbonate

Chelating Agent

Conditioning Agent

Dispersant

Emollients &

Hydrotrope

innospec

Application key:



Pearlizer and Viscosity Modifier

15

Trade name	INCI Name	Application	Function	Physical form	Formulating pH range	Preservative system	Naturally derived (%)	Z
EMPIGEN [®] OB	Lauramine Oxide	\bigcirc \parallel	Amine Oxide	30% active liquid.	3.0 - 11.0	Preservative-free [◊]	87	
EMPIGEN [®] OS/A	Cocamidopropylamine Oxide	\bigcirc \parallel	Amine Oxide	30% active liquid.	3.0 - 11.0	Preservative-free [◊]	73	
EMPIGEN® TOTAL ACTIVE TC/U	Cocamidopropyl Betaine		Betaine	35% active, clear liquid.	3.0 - 11.0	Sodium Benzoate	66	
EMPILAN [®] 2502	Cocamide DEA	\bigcirc \$	Cocamide	85% active, clear liquid.	5.0 - 11.0	Preservative-free [◊]	77	
EMPILAN® CIS	Cocamide MIPA	\bigcirc $\parallel\!$	Cocamide	95% active, off-white flakes.	5.0 - 11.0	Preservative-free [◊]	81	
EMPILAN® CME/T	Cocamide MEA	\bigcirc \parallel	Cocamide	85% active, off-white flakes.	5.0 - 11.0	Preservative-free [◊]	87	
EMPILAN® MAA/SI	PEG-5 Cocamide	\bigcirc ///	Cocamide	85% active, amber viscous liquid.	5.0 - 11.0	Preservative-free [◊]	39	
ISELUX®	Sodium Lauroyl Methyl Isethionate	\bigcirc ///	Isethionate	80% active, white to off-white, waxy flake.	4.8 - 8.5	Preservative-free [◊]	80	
ISELUX [®] CO	Sodium Lauroyl Methyl Isethionate	\bigcirc $\parallel\!\!\!\parallel$	Isethionate	80% active, white to off-white, waxy flake.	4.8 - 8.5	Preservative-free [◊]	80	

^oLow microbial susceptibility, due to product pH, electrolyte level, water activity or combination thereof.

Ant-Aging and

Brightening

Anti-Bacterial Agent

Carbonate

Chelating Agent

Conditioning Agent

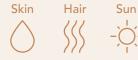
Dispersant

Emollients &

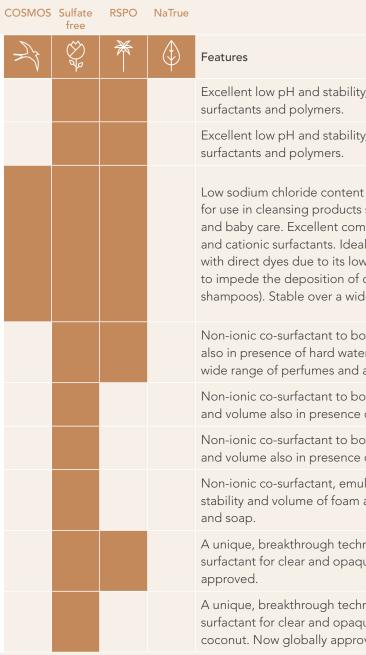
Hydrotrope

innospec

Application key:







Excellent low pH and stability, compatible with cationic

Excellent low pH and stability, compatible with cationic

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.

Non-ionic co-surfactant to boost stability and volume of foam also in presence of hard water and soap. Useful to solubilize a wide range of perfumes and active ingredients.

Non-ionic co-surfactant to boost viscosity and foam stability and volume also in presence of hard water and soap.

Non-ionic co-surfactant to boost viscosity and foam stability and volume also in presence of hard water and soap.

Non-ionic co-surfactant, emulsifier and solubilizer. Boost stability and volume of foam also in presence of hard water

A unique, breakthrough technology. Sulfate-free anionic surfactant for clear and opaque systems. Now globally

A unique, breakthrough technology. Sulfate-free anionic surfactant for clear and opaque systems. Derived from coconut. Now globally approved.

Pearlizer and Viscosity Modifier

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Trade name	INCI Name	Application	Function	Physical form	Formulating pH range	Preservative system	Naturally derived (%)
ISELUX [®] LQ-CLR	Sodium Lauroyl Methyl Isethionate	\bigcirc ///	Isethionate	32% active, clear pale yellow liquid.	4.8 - 8.5	Methylchloroisothiazolinone (and) Methylisothiazolinone	80
ISELUX [®] LQ-CLR-PE	Sodium Lauroyl Methyl Isethionate	\bigcirc ///	Isethionate	32% active, clear pale yellow liquid.	4.8 - 8.5	Phenoxyethanol (and) Methylisothiazolinone	80
ISELUX [®] LQ-CLR-SB	Sodium Lauroyl Methyl Isethionate	\bigcirc ///	lsethionate	32% active, clear pale yellow liquid.	4.8 - 8.5	Sodium Benzoate	80
ISELUX [®] SCMI	Sodium Cocoyl Methyl Isethionate	\bigcirc ///	lsethionate	80% active, white to off-white, waxy flake.	4.8 - 8.5	Preservative-free [◊]	80
ISELUX [®] SFS	Sodium Lauroyl Methyl Isethionate (and) Cocamidopropyl Betaine (and) Sodium Cocoyl Isethionate (and) Sodium Methyl Oleoyl Taurate	\bigcirc ///	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
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
ISELUX [®] SLC	Sodium Lauroyl Methyl Isethionate (and) Sodium Lauroamphoacetate (and) Cocamide MIPA	\bigcirc ///	Performance Concentrate	Clear to slightly hazy liquid.	4.8 - 6.0	Sodium Benzoate	77

⁰Low microbial susceptibility, due to product pH, electrolyte level, water activity or combination thereof.

Ant-Aging and Brightening

Carbonate Anti-Bacterial Agent

Chelating Agent

Conditioning Agent

Dispersant

Emollients &

Hydrotrope

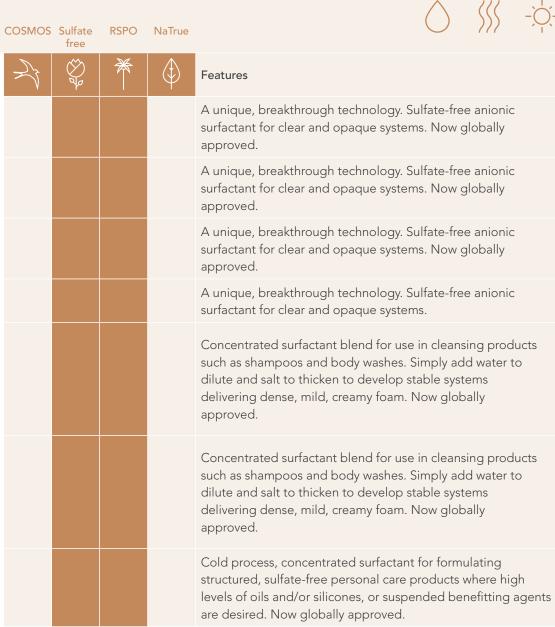
free

innospec

Application key:

Sun

Skin Hair



17 >

Pearlizer and Viscosity Modifier

Trade name	INCI Name	Application	Function	Physical form	Formulating pH range	Preservative system	Naturally derived (%)	Z.
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	
NANSA® LSS 38/AS	Sodium C14-16 Olefin Sulfonate	\bigcirc \$	Olefin Sulfonate	38% active, clear liquid.	3.0 - 11.0	2-Bromo-2-Nitropropane 1, 3-Diol	Non-vegetable	
NANSA [®] LSS 38/AV	Sodium C14-16 Olefin Sulfonate	\bigcirc ///	Olefin Sulfonate	38% active, clear liquid.	3.0 - 11.0	Sodium Benzoate	Non-vegetable	
NANSA® LSS 38/U	Sodium C14-16 Olefin Sulfonate	\bigcirc ///	Olefin Sulfonate	37-39% active, amber liquid.	3.0 - 11.0	Preservative-free [◊]	Non-vegetable	
NANSA [®] LSS 480/H	Sodium C14-16 Olefin Sulfonate	\bigcirc	Olefin Sulfonate	80% active, fine, off-white powder.	3.0 - 11.0	Preservative-free [◊]	Non-vegetable	
NANSA [®] LSS 495/H	Sodium C14-16 Olefin Sulfonate	\bigcirc	Olefin Sulfonate	95% active, fine, off-white powder.	3.0 - 11.0	Preservative-free [◊]	Non-vegetable	
NANSA [®] PC 38/F	Potassium Cocoate	\bigcirc $\parallel\!$	Cocoate	35% active, clear liquid.	8.0 - 11.0	Preservative-free [◊]	100	

⁰Low microbial susceptibility, due to product pH, electrolyte level, water activity or combination thereof.

Ant-Aging and Brightening

Anti-Bacterial Agent

Carbonate

Chelating Agent

Conditioning Agent

Dispersant

Emollients &

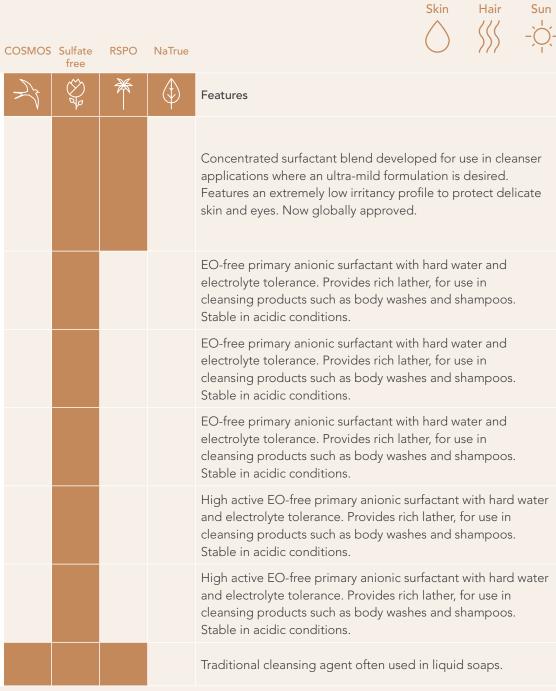
Hydrotrope

free

innospec >>

Application key:

Sun



Pearlizer and Viscosity Modifier

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Formulating Naturally INCI Name Physical form Trade name Application Function Preservative system pH range derived (%) Clear to slightly hazy Decyl Glucoside (and) Sodium \bigcirc \$PUREACT 138 Performance Concentrate yellow to amber 4.5 - 9.0 Preservative-free[◊] 100 Lauroyl Lactylate liquid. Sodium C14-16 43-47% active, Olefin Sulfonate (and) yellow, flowable \bigcirc \$4.8 - 8.5 42 PUREACT BB Cocamidopropyl Betaine Performance Concentrate Sodium Benzoate liquid that is clear (and) Sodium Lauroyl Methyl to slightly hazy. Isethionate 20% active, clear, to \land \leq Sodium Lauroyl Glutamate Glutamate 4.0 - 11.0 100 PUREACT GLT slightly turbid, Preservative-free[◊] yellowish liquid. 50% active, light ______ 4.0 - 11.0 PUREACT GLUCO C Coco-Glucoside Glucoside Preservative-free[◊] 100 yellow turbid liquid. 50% active, light \land \$PUREACT GLUCO C CO Coco-Glucoside 4.0 - 11.0 100 Glucoside Preservative-free[◊] yellow turbid liquid. 50% active, light \land \leq 4.0 - 11.0 PUREACT GLUCO D Decyl Glucoside Glucoside Preservative-free[◊] 100 yellow turbid liquid. 50% active, light \land 4.0 - 11.0 PUREACT GLUCO D CO Decyl Glucoside Glucoside Preservative-free[◊] 100 yellow turbid liquid. 50% active, light \bigcirc \$Glucoside yellow turbid liquid/ 4.0 - 11.0 Preservative-free[◊] 100 PUREACT GLUCO L Lauryl Glucoside paste. 50% active, light ______ PUREACT GLUCO L CO Lauryl Glucoside Glucoside yellow turbid liquid/ 4.0 - 11.0 Preservative-free[◊] 100 paste. 78% active, off-white \bigcirc \$6.0 - 8.0[∏] Preservative-free[◊] 86 PUREACT I-78 FLAKES Sodium Cocoyl Isethionate Isethionate flakes.

^oLow microbial susceptibility, due to product pH, electrolyte level, water activity or combination thereof. ^{TI}Excluding soap bars.

Ant-Aging and

Brightening

Anti-Bacterial Carbonate Agent

Chelating Agent

Conditioning Agent

Dispersant

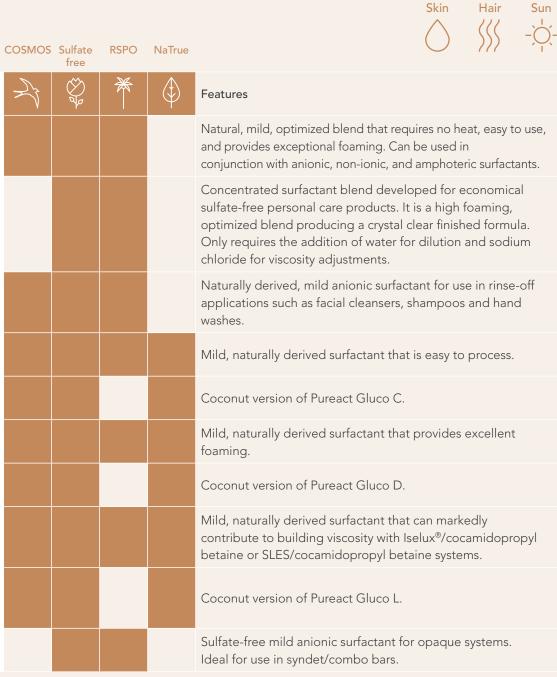
Emollients & Solvents

Hydrotrope

Pearl

innospec >>

Application key:



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Pearlizer and /iscosity Modifie

Trade name	INCI Name	Application	Function	Physical form	Formulating pH range	Preservative system	Naturally derived (%)	Z
PUREACT I-78C	Sodium Cocoyl Isethionate	\bigcirc ///	Isethionate	78% active, off-white, easy to disperse noodle.	6.0 - 8.0⊓	Preservative-free [◊]	86	
PUREACT I-78P	Sodium Cocoyl Isethionate	\bigcirc \parallel	Isethionate	78% active, fine white powder.	6.0 - 8.0∏	Preservative-free [◊]	86	
PUREACT I-85C	Sodium Cocoyl Isethionate	\bigcirc \parallel	Isethionate	85% active, easy to disperse noodle.	6.0 - 8.0⊓	Preservative-free [◊]	86	
PUREACT I-85E FLAKES	Sodium Cocoyl Isethionate	\bigcirc ///	Isethionate	85% active, white to off-white flakes or chips.	6.0 - 8.0 [∏]	Preservative-free [◊]	86	
PUREACT I-85EC	Sodium Cocoyl Isethionate	\bigcirc ///	Isethionate	85% active, white to off-white, easy to disperse noodles.	6.0 - 8.0 ¹¹	Preservative-free [◊]	86	
PUREACT I-85F	Sodium Cocoyl Isethionate	\bigcirc ///	Isethionate	85% active, white to off-white flakes or chips.	6.0 - 8.0⊓	Preservative-free [◊]	86	
PUREACT I-85 P	Sodium Cocoyl Isethionate	\bigcirc \parallel	Isethionate	Powder.	6.0 - 8.0	Preservative-free [◊]	86	
PUREACT LAA	Sodium Lauroamphoacetate	\bigcirc	Amphoacetate and Amphodiacetate	30% active, yellow, to amber liquid.	3.0 - 11.0	Preservative-free [◊]	66	
PUREACT LSR	Sodium Lauroyl Sarcosinate	\bigcirc	Sarcosinate	30% active, clear, almost colorless liquid.	3.0 - 11.0	Sodium Benzoate	80	

⁰Low microbial susceptibility, due to product pH, electrolyte level, water activity or combination thereof. ^ΠExcluding soap bars.

Ant-Aging and

Brightening

Anti-Bacterial Agent

Carbonate

Chelating Agent

Conditioning Agent

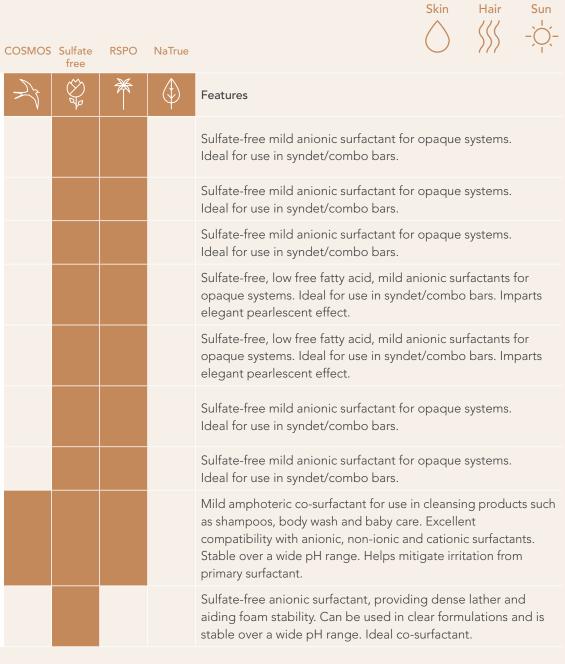
Dispersant

Emollients &

Hydrotrope

innospec

Application key:



Pearlizer and Viscosity Modifier

20

Trade name	INCI Name	Application	Function	Physical form	Formulating pH range	Preservative system	Naturally derived (%)	Z
PUREACT MD-318*	Disodium Oleamido MIPA-Sulfosuccinate	\bigcirc	Sulfosuccinate	35% active, clear liquid.	5.5 - 8.0	Preservative-free [◊]	72	
PUREACT MS-CG	Sodium Methyl Oleoyl Taurate	\bigcirc	Taurate	30% active, viscous material.	3.0 - 11.0	Preservative-free [◊]	86	
PUREACT OCT	Sodium Methyl Cocoyl Taurate	\bigcirc \parallel	Taurate	Fine powder.	3.0 - 11.0	Preservative-free [◊]	81	
PUREACT SCG	Sodium Cocoyl Glycinate	\bigcirc \$	Glycinate	30% solids, almost clear liquid.	4.0 - 10.0 (for opaque systems) 6.0 - 10.0 (for clear systems)	Preservative-free [◊]	86 [‡]	
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	
PUREACT SIB-10	Disodium Laureth Sulfosuccinate (and) Sodium Cocoyl Isethionate (and) Cocamidopropyl Betaine	\bigcirc	Performance Concentrate	Clear liquid.	6.0 - 8.0	Phenoxyethanol (and) Ethylhexylglycerin	63	
PUREACT SLG	Sodium Lauroyl Glycinate	\bigcirc $\parallel\!\!\!\parallel$	Glycinate	30% solids, almost clear liquid.	4.0 - 10.0 (for opaque systems) 6.0 - 10.0 (for clear systems)	Preservative-free [◊]	86 [‡]	
PUREACT SLI	Sodium Lauroyl Isethionate	\bigcirc $\parallel\!$	lsethionate	80% active, white flakes.	6.0 - 8.0 [∏]	Preservative-free [◊]	86	

*Non-reach compliant product. ⁰Low microbial susceptibility, due to product pH, electrolyte level, water activity or combination thereof. [‡]Glycerine Source: Synthetic. [‡]Excluding soap bars.

Chelating

Agent

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Ant-Aging and Brightening

Anti-Bacterial Agent

Carbonate

Conditioning Agent

Dispersant

Emollients &

innospec 🄈

Application key:



COSMOS	Sulfate free	RSPO	NaTrue	$())) \rightarrow (-$
Z	A state of the	×		Features
				Sulfate-free anionic surfactant. Achieves high viscosity, high foaming systems at low use levels. Compatible with cationic conditioners.
				Low odor and low color long-chain viscosity building surfactant that is stable across a broad pH range and is a moderate foamer.
				Low NaCl grade for oral care applications, powder grade suitable for solid formats, bars and liquid concentrates.
				Mild, sulfate-free primary or secondary surfactant.
				A unique, mild, sulfate-free surfactant blend. NaCl-free, 1,4-dioxane free and cold process.
				Alkyl and alkyl ether sulfate-free, ultra-mild, sulfate-free, multi-purpose surfactant concentrate that is optimized to produce excellent foaming in finished products.
				Mild, sulfate-free primary or secondary surfactant.
				Very high foaming sulfate-free mild anionic surfactant.

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Viscosity Modifier

Rheology Modifier

Formulating Naturally INCI Name Application Function Physical form Trade name Preservative system pH range derived (%) Sodium Cocoyl Isethionate \bigcirc \$64-68% active, white 4.0 - 10.0 PUREACT SNDT-65 Isethionate Surfactant Blend Preservative-free[◊] 86 (and) Stearic Acid to off-white flakes. Sodium Cocoyl Isethionate (and) Stearic Acid (and) 55-70% active, hard \bigcirc \$PUREACT SNDT-CB Sodium Lauroyl Methyl Isethionate Surfactant Blend solid (pastille, flake, 4.0 - 10.0 Preservative-free[◊] 86 Isethionate (and) Coconut Acid needle or granule). (and) Sodium Isethionate 90% active, clear light Carboxylic Acid Trideceth-7 Carboxylic Acid yellow, slightly viscous 4.0 - 10.0 PUREACT T-A Preservative-free[◊] Non-vegetable liquid. 90% active, off-white SSS 6.0 - 8.0 Sodium Methyl Lauroyl Taurate 85 PUREACT TR-L90 Taurate Preservative-free[◊] to tan flake or chip. 24% active, off-white, \land \$Sodium Methyl Cocoyl Taurate 3.0 - 11.0 85 PUREACT WS Taurate pearlescent soft Preservative-free[◊] paste. White to off-white, \land \leq Sodium Methyl Cocoyl Taurate 3.0 - 11.0 81 PUREACT WS-28 Taurate Preservative-free[◊] soft paste (ambient). 30% active, off-white, PUREACT WS CONC Sodium Methyl Cocoyl Taurate () ()3.0 - 11.0 Preservative-free[◊] 85 Taurate pearlescent soft paste. PUREACT WS-70 Sodium Methyl Cocoyl Taurate 20% active liquid. 3.0 - 11.0 Preservative-free[◊] 85 Taurate 75% active, white, 3.0 - 11.0 85 PUREACT WSP Sodium Methyl Cocoyl Taurate Preservative-free[◊] Taurate free-flowing powder.

^oLow microbial susceptibility, due to product pH, electrolyte level, water activity or combination thereof.

Ant-Aging and

Brightening

Anti-Bacterial Agent

Carbonate Chelating

Agent

Conditioning Agent

Dispersant

Emollients &

Hydrotrope

COSMOS Sulfa free

innospec >>

Application key:



Presures Optimized syndet base surfactant blend for dense luxurious lather in combo and syndet bass. Image: syndet base surfactant blend for dense luxurious lather in combo and syndet bass. Image: syndet base surfactant blend for dense luxurious lather 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. Image: syndet base syndet base syndet bars and conditioning of products. Image: syndet base syndet bars and conditioning of products. Image: syndet bars and conditioning syndet bars and conditioning of products. Image: syndet bars and conditioning and anionic surfactant for transparent formulations, stable at extreme pH; easy to handle at room temperature. Based on coconut. Image: syndet bars and core applications. Based on coconut. Lower processing temperatures than Pureact WS Conc. Image: syndet bars and care applications. Based on coconut. Image: syndet bars and care applications. Based on coconut. Image: syndet bars and care applications. Based on coconut. Image: syndet bars and care applications. Based on coconut. Image: syndet bars and care applications. Based on coconut. Image: syndet bare at extreme pH. Foamin	ate e	RSPO	NaTrue	
Inther in combo and syndet bars.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)	×		Features
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.Image: Image:				
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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:

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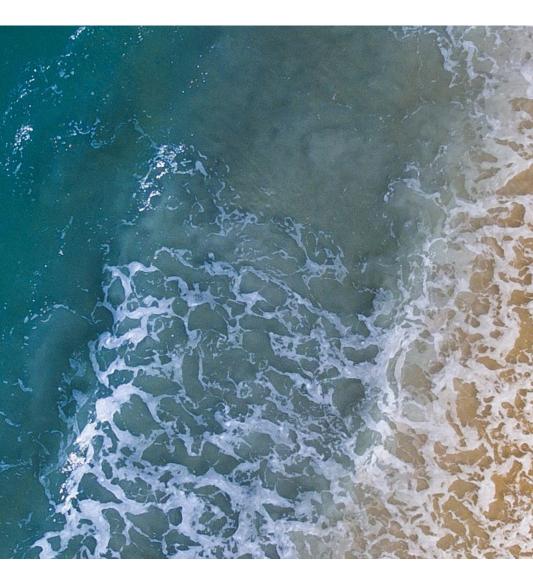
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