

# EXPLORE

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## regeneration

product guide 2022

join our journey to a more  
sustainable future



# 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

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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.

Application key:

Skin

Hair

Sun

Trade name	INCI Name	Application	Function	Physical form	Preservative system	Naturally derived (%)	COSMOS	Sulfate free	RSPO	NaTrue	Features
MARITECH® BRIGHT	Fucus Vesiculosus Extract	 	Anti-ageing and Brightening Agent	Mid to dark-brown powder.	Preservative-free <sup>‡</sup>	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	 	Anti-ageing and Brightening Agent	Off-white to brown powder.	Preservative-free <sup>‡</sup>	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.

COSMOS

Sulfate free

RSPO

NaTrue

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

<sup>†</sup>Empigen® BKC 50 available in the US. <sup>‡</sup>Low microbial susceptibility, due to product pH, electrolyte level, water activity or combination thereof.

# 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.

Application key:

Skin

Hair

Sun

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.

COSMOS

Sulfate free

RSPO

NaTrue

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.

Application key:

Skin

Hair

Sun

Trade name	INCI Name	Application	Function	Physical form	Preservative system	Naturally derived (%)	COSMOS	Sulfate free	RSPO	NaTrue	Features
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.
CONDICARE PQ10-4	Polyquaternium-10		Conditioning Agent	Light yellow powder.	-	Synthetic					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.
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.

\*Non-reach compliant product.

# 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:

Skin

Hair

Sun

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 <sup>o</sup>	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 <sup>o</sup>	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.

COSMOS

Sulfate free

RSPO

NaTrue

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 <sup>o</sup>	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 <sup>o</sup>	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. <sup>o</sup>Low microbial susceptibility, due to product pH, electrolyte level, water activity or combination thereof.

# Emollients & Solvents cont

Application key:

Skin

Hair

Sun

Trade name	INCI Name	Application	Function	Physical form	Preservative system	Naturally derived (%)	COSMOS	Sulfate free	RSPO	NaTrue	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				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 (%)	COSMOS	Sulfate free	RSPO	NaTrue	Features
EMPIPHOS® O3D	Oleth-3 Phosphate		Emulsifier	99% active liquid.	Preservative-free <sup>9</sup>	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.

<sup>9</sup>Low microbial susceptibility, due to product pH, electrolyte level, water activity or combination thereof.

# 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 <sup>‡</sup>	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 <sup>‡</sup>	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 pearlizers and pearl concentrates are personal care ingredients that make formulas appear rich and pearly.

Application key:

Skin

Hair

Sun

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 pearlizing 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 pearlizing 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 pearlizing effect.

<sup>‡</sup>Low microbial susceptibility, due to product pH, electrolyte level, water activity or combination thereof.




Pearl Concentrates cont

Application key:

Skin











Hair



Sun



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 pearlizing effect.
EMPIPEARL® XA 500/X	Sodium Laureth Sulfate (and) Glycol Cetearate (and) Cocamide DEA	 		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 pearlizing 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 <sup>‡</sup>	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 <sup>‡</sup>	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 <sup>‡</sup>	100					Viscosity, consistency and skin feel modifier. Oil soluble co-emulsifier. Emollient viscosity builder in creams, lotions and conditioners.

<sup>‡</sup>Low microbial susceptibility, due to product pH, electrolyte level, water activity or combination thereof.

# 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.

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.

COSMOS

Sulfate free

RSPO

NaTrue

Trade name	INCI Name	Application	Function	Physical form	Preservative system	Naturally derived (%)					Features
EMPIWAX® CL	Cetearyl Alcohol (and) Cetareth-25		Self-Emulsifying Wax	100% active, off-white flakes.	Preservative-free <sup>9</sup>	>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 <sup>9</sup>	100					Emulsifying wax with high electrolyte tolerance, dispersing, thickening and solubilizing properties. For use in skin, body and baby care.

<sup>9</sup>Low microbial susceptibility, due to product pH, electrolyte level, water activity or combination thereof.



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.

Application key:

Skin

Hair

Sun


Trade name	INCI Name	Application	Function	Physical form	Formulating pH range	Preservative system	Naturally derived (%)	COSMOS	Sulfate free	RSPO	NaTrue	Features
AMINOL® CM FLAKES*	Cocamide MEA		Cocamide	Light tan flakes.	5.0 - 11.0	Preservative-free <sup>o</sup>	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 <sup>o</sup>	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 <sup>o</sup>	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 <sup>o</sup>	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 <sup>o</sup>	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. <sup>o</sup>Low microbial susceptibility, due to product pH, electrolyte level, water activity or combination thereof.


Surfactants

Application key:


Skin

























Hair



Sun



Trade name	INCI Name	Application	Function	Physical form	Formulating pH range	Preservative system	Naturally derived (%)	COSMOS	Sulfate free	RSPO	NaTrue	Features
												
EMPICOL® CZ/N**	Sodium Coco Sulfate	 	Alkyl and Alkyl Ether Sulfate	92% active, fine, off-white powder.	3.5 - 11.0	Preservative-free <sup>‡</sup>	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 <sup>‡</sup>	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 <sup>‡</sup>	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 <sup>‡</sup>	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	Methylchlorisothiazolinone (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 <sup>‡</sup>	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 <sup>‡</sup>	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 <sup>‡</sup>	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 <sup>‡</sup>	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.

\*\*US & European Pharmacopoeia Compliant. <sup>‡</sup>Low microbial susceptibility, due to product pH, electrolyte level, water activity or combination thereof.





Surfactants

Application key:

Skin

Hair

Sun


Trade name	INCI Name	Application	Function	Physical form	Formulating pH range	Preservative system	Naturally derived (%)	COSMOS	Sulfate free	RSPO	NaTrue	Features
EMPICOL® LZ/B	Sodium Lauryl Sulfate		Alkyl and Alkyl Ether Sulfate	92% active, off-white powder.	3.5 - 11.0	Preservative-free <sup>o</sup>	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 <sup>o</sup>	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 <sup>o</sup>	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 <sup>o</sup>	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 <sup>o</sup>	>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 <sup>o</sup>	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.

\*\*US & European Pharmacopoeia Compliant. <sup>o</sup>Low microbial susceptibility, due to product pH, electrolyte level, water activity or combination thereof.


Surfactants

Application key:

Skin





















Hair



Sun



Trade name	INCI Name	Application	Function	Physical form	Formulating pH range	Preservative system	Naturally derived (%)	COSMOS	Sulfate free	RSPO	NaTrue	Features
												
EMPIGEN® BB	Lauryl Betaine	 	Betaine	30% active, clear liquid.	3.0 - 11.0	Preservative-free <sup>‡</sup>	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 <sup>‡</sup>	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 <sup>‡</sup>	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 <sup>‡</sup>	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 <sup>‡</sup>	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.
EMPIGEN® BS/O-N*	Cocamidopropyl Betaine	 	Betaine	30% active, clear liquid.	3.0 - 11.0	Preservative-free <sup>‡</sup>	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.

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



Surfactants

Application key:

Skin



Hair



Sun



Trade name	INCI Name	Application	Function	Physical form	Formulating pH range	Preservative system	Naturally derived (%)	COSMOS	Sulfate free	RSPO	NaTrue	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	 	Betaine	30% active, clear liquid.	3.0 - 11.0	Preservative-free <sup>‡</sup>	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 <sup>‡</sup>	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 <sup>‡</sup>	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 <sup>‡</sup>	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-free <sup>‡</sup>	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. <sup>‡</sup>Low microbial susceptibility, due to product pH, electrolyte level, water activity or combination thereof.




Surfactants

Application key:


Skin

























Hair



Sun



Trade name	INCI Name	Application	Function	Physical form	Formulating pH range	Preservative system	Naturally derived (%)	COSMOS	Sulfate free	RSPO	NaTrue	Features
												
EMPIGEN® OB	Lauramine Oxide	 	Amine Oxide	30% active liquid.	3.0 - 11.0	Preservative-free <sup>ø</sup>	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 <sup>ø</sup>	73					Excellent low pH and stability, compatible with cationic surfactants and polymers.
EMPIGEN® TOTAL ACTIVE 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® 2502	Cocamide DEA	 	Cocamide	85% active, clear liquid.	5.0 - 11.0	Preservative-free <sup>ø</sup>	77					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.
EMPILAN® CIS	Cocamide MIPA	 	Cocamide	95% active, off-white flakes.	5.0 - 11.0	Preservative-free <sup>ø</sup>	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 <sup>ø</sup>	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 <sup>ø</sup>	39					Non-ionic co-surfactant, emulsifier and solubilizer. Boost stability and volume of foam also in presence of hard water and soap.
ISELUX®	Sodium Lauroyl Methyl Isethionate	 	Isethionate	80% active, white to off-white, waxy flake.	4.8 - 8.5	Preservative-free <sup>ø</sup>	80					A unique, breakthrough technology. Sulfate-free anionic surfactant for clear and opaque systems. Now globally approved.
ISELUX® CO	Sodium Lauroyl Methyl Isethionate	 	Isethionate	80% active, white to off-white, waxy flake.	4.8 - 8.5	Preservative-free <sup>ø</sup>	80					A unique, breakthrough technology. Sulfate-free anionic surfactant for clear and opaque systems. Derived from coconut. Now globally approved.

<sup>ø</sup>Low microbial susceptibility, due to product pH, electrolyte level, water activity or combination thereof.





Surfactants

Application key:

Skin





















Hair



Sun



Trade name	INCI Name	Application	Function	Physical form	Formulating pH range	Preservative system	Naturally derived (%)	COSMOS	Sulfate free	RSPO	NaTrue	Features
												
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 <sup>‡</sup>	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.
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.

<sup>‡</sup>Low microbial susceptibility, due to product pH, electrolyte level, water activity or combination thereof.



Surfactants

Application key:

Skin

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Trade name	INCI Name	Application	Function	Physical form	Formulating pH range	Preservative system	Naturally derived (%)	COSMOS	Sulfate free	RSPO	NaTrue	Features
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.
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	37-39% active, amber liquid.	3.0 - 11.0	Preservative-free <sup>‡</sup>	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 480/H	Sodium C14-16 Olefin Sulfonate		Olefin Sulfonate	80% active, fine, off-white powder.	3.0 - 11.0	Preservative-free <sup>‡</sup>	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 <sup>‡</sup>	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 <sup>‡</sup>	100					Traditional cleansing agent often used in liquid soaps.

<sup>‡</sup>Low microbial susceptibility, due to product pH, electrolyte level, water activity or combination thereof.







Surfactants

Application key:


Skin



























Hair



Sun



Trade name	INCI Name	Application	Function	Physical form	Formulating pH range	Preservative system	Naturally derived (%)	COSMOS	Sulfate free	RSPO	NaTrue	Features
												
PUREACT 138	Decyl Glucoside (and) Sodium Lauroyl Lactylate	 	Performance Concentrate	Clear to slightly hazy yellow to amber liquid.	4.5 - 9.0	Preservative-free <sup>º</sup>	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	 		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 <sup>º</sup>	100					Naturally derived, mild anionic surfactant for use in rinse-off applications such as facial cleansers, shampoos and hand washes.
PUREACT GLUCO C	Coco-Glucoside	 	Glucoside	50% active, light yellow turbid liquid.	4.0 - 11.0	Preservative-free <sup>º</sup>	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 <sup>º</sup>	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 <sup>º</sup>	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 <sup>º</sup>	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 <sup>º</sup>	100					Mild, naturally derived surfactant that can markedly contribute to building viscosity with Iselux <sup>®</sup> /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 <sup>º</sup>	100					Coconut version of Pureact Gluco L.
PUREACT I-78 FLAKES	Sodium Cocoyl Isethionate	 	Isethionate	78% active, off-white flakes.	6.0 - 8.0 <sup>¶</sup>	Preservative-free <sup>º</sup>	86					Sulfate-free mild anionic surfactant for opaque systems. Ideal for use in syndet/combo bars.

<sup>º</sup>Low microbial susceptibility, due to product pH, electrolyte level, water activity or combination thereof. <sup>¶</sup>Excluding soap bars.



Surfactants

Application key:

Skin

























Hair



Sun



Trade name	INCI Name	Application	Function	Physical form	Formulating pH range	Preservative system	Naturally derived (%)	COSMOS	Sulfate free	RSPO	NaTrue	Features
												
PUREACT I-78C	Sodium Cocoyl Isethionate	 	Isethionate	78% active, off-white, easy to disperse noodle.	6.0 - 8.0 <sup>II</sup>	Preservative-free <sup>0</sup>	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 <sup>II</sup>	Preservative-free <sup>0</sup>	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 <sup>II</sup>	Preservative-free <sup>0</sup>	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 <sup>II</sup>	Preservative-free <sup>0</sup>	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 <sup>II</sup>	Preservative-free <sup>0</sup>	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 <sup>II</sup>	Preservative-free <sup>0</sup>	86					Sulfate-free mild anionic surfactant for opaque systems. Ideal for use in syndet/combo bars.
PUREACT I-85 P	Sodium Cocoyl Isethionate	 	Isethionate	Powder.	6.0 - 8.0	Preservative-free <sup>0</sup>	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 <sup>0</sup>	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.

<sup>0</sup>Low microbial susceptibility, due to product pH, electrolyte level, water activity or combination thereof. <sup>II</sup>Excluding soap bars.



Surfactants

Application key:

Skin























Hair



Sun



Trade name	INCI Name	Application	Function	Physical form	Formulating pH range	Preservative system	Naturally derived (%)	COSMOS	Sulfate free	RSPO	NaTrue	Features
												
PUREACT MD-318*	Disodium Oleamido MIPA-Sulfosuccinate	 	Sulfosuccinate	35% active, clear liquid.	5.5 - 8.0	Preservative-free <sup>o</sup>	72					Sulfate-free anionic surfactant. Achieves high viscosity, high foaming systems at low use levels. Compatible with cationic conditioners.
PUREACT MS-CG	Sodium Methyl Oleoyl Taurate	 	Taurate	30% active, viscous material.	3.0 - 11.0	Preservative-free <sup>o</sup>	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 <sup>o</sup>	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 <sup>o</sup>	86 <sup>‡</sup>					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 <sup>o</sup>	86 <sup>‡</sup>					Mild, sulfate-free primary or secondary surfactant.
PUREACT SLI	Sodium Lauroyl Isethionate	 	Isethionate	80% active, white flakes.	6.0 - 8.0 <sup>¶</sup>	Preservative-free <sup>o</sup>	86					Very high foaming sulfate-free mild anionic surfactant.

\*Non-reach compliant product. <sup>o</sup>Low microbial susceptibility, due to product pH, electrolyte level, water activity or combination thereof. <sup>‡</sup>Glycerine Source: Synthetic. <sup>¶</sup>Excluding soap bars.







Surfactants

Application key:


Skin

























Hair



Sun



Trade name	INCI Name	Application	Function	Physical form	Formulating pH range	Preservative system	Naturally derived (%)	COSMOS	Sulfate free	RSPO	NaTrue	Features
												
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 <sup>0</sup>	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 <sup>0</sup>	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 <sup>®</sup> 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 <sup>0</sup>	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 <sup>0</sup>	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 <sup>0</sup>	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	Sodium Methyl Cocoyl Taurate	 	Taurate	White to off-white, soft paste (ambient).	3.0 - 11.0	Preservative-free <sup>0</sup>	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 <sup>0</sup>	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 <sup>0</sup>	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 <sup>0</sup>	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.

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



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](http://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](mailto:personalcare@innospecinc.com)

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