

The logo for 'The Art & Science of Beauty' features the text in a serif font. 'The' is in a smaller size above 'Art'. '&' is in a large, light orange color. 'Science' is in a large blue color. 'of' is in a smaller size below 'Science'. 'Beauty' is in a large blue color with a registered trademark symbol. To the right of the text is a small illustration of a red curtain and a blue curtain.

# PRODUCT CATALOG 2024



**Phoenix Chemical, Inc.** was founded in 1982 with a corporate charter to develop proprietary and unique chemical technology and products for the cosmetic, personal care and OTC pharmaceutical industries.

We are a high-technology industry and customer-oriented company dedicated to product and market development. **Phoenix Chemical Inc.** has grown into a multinational organization with agents worldwide, allowing the company to serve customers internationally.

In January 2017, **Phoenix Chemical, Inc.** relocated its Corporate Research & Development Center to Branchburg, New Jersey. This relocation enabled Phoenix to expand its offices, organic synthesis, process development, application, analytical and polymer laboratories. The move also encompasses the construction of a kilo laboratory, in-house manufacturing and greatly expanded warehousing capability. Our goal continues to be the development of unique, innovative and performance driven chemistry.

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# PELEMOL® 100% Vegetable Derived Esters

**Innovative. Sustainable. Vegetable Derived.** These products can directly replace and improve upon petroleum based ingredients and provide cosmetics with a real functional edge in the marketplace.

Product	INCI Name	Description
<b>Pelemol 123</b> 🌱	Oleyl Canolate	<i>Exhibits pronounced silicone-like, silky, emollient skin feel and leaves the skin soft and supple after washing.</i>
<b>Pelemol 9512</b> 🌱	Isoamyl Laurate	<i>Formed by reaction of Isoamyl Alcohol and Lauric Acid. Sensorial properties similar to silicone</i>
<b>Pelemol 3G22</b> 🌱	Polyglyceryl-3 Behenate	<i>Improves rinse off in cleansers. Imparts friction to creams and lotions.</i>
<b>Pelemol 6GPR</b> 🌱	Polyglyceryl-6 Polyricinoleate	<i>Pigment wetting and grinding aid for lipsticks.</i>
<b>Pelemol 10GH0</b> 🌱	Polyglyceryl-10-Hexaoleate	<i>Contributes to shine and water resistance in leave-on-conditioners.</i>
<b>Pelemol BB</b> 🌱	Behenyl Behenate	<i>Builds viscosity, imparts richness and adds emolliency.</i>
<b>Pelemol BE</b> 🌱	Behenyl Erucate	<i>Builds viscosity, imparts richness and adds emolliency.</i>
<b>Pelemol CCC</b> 🌱	Coco-Caprylate/Caprate	<i>Leaves skin with soft, luxurious feel.</i>
<b>Pelemol CP</b> 🌱	Cetyl Palmitate	<i>Emollient, thickener for creams, lotions and lipsticks.</i>
<b>Pelemol CCT</b> 🌱	Caprylic/Capric Triglyceride	<i>Light viscosity resulting in a smooth, silky emollient feel to skin.</i>
<b>Pelemol CR</b> 🌱	Cetyl Ricinoleate	<i>Very lubricious, melts at skin temperature.</i>
<b>Pelemol D3GP</b> 🌱	Dimer Dilinoleyl Dilinoleate (and) Propanediol Dicaprylate/Caprate (and) Polyglyceryl-3 Behenate	<i>Functional equivalent to animal based cholesteryl/ lanosteryl esters used in lipstick.</i>
<b>Pelemol D5R-V</b> 🌱	Propandiol Dicaprylate/Caprate (and) Diisostearyl Malate	<i>Replacement for Cyclomethicone D5. Identical flow, spreadability, softness and cushion on rub-in.</i>
<b>Pelemol DD</b> 🌱	Dimer Dilinoleyl Dimer Dilinoleate	<i>Tasteless, odorless and glossy polyester. Excellent for lipsticks.</i>
<b>Pelemol DISD</b> 🌱	Diisostearyl Dimer Dilinoleate	<i>Exhibits considerable playtime. Useful in color cosmetics.</i>
<b>Pelemol D0</b> 🌱	Decyl Oleate	<i>Leaves a cushion and light silky feel to leave skin soft and supple.</i>
<b>Pelemol DP-144B</b> 🌱	Dipentaerythrityl Tetrabehenate/ Polyhydroxystearate	<i>Holds 3 times its weight in water. Superior lipstick ester.</i>
<b>Pelemol EA</b> 🌱	Ethyl Arganate	<i>Extremely dry ester, exhibits spreadability and wetting on skin.</i>
<b>Pelemol EAvocado</b> 🌱	Ethyl Avocado	<i>Has a cushiony feel on rub-out which turns into a light, silky feel on the skin after rub-in. No tack or drag on application. Pelemol EAvocado has a higher concentration of Oleic Acid as Omega 9 fatty acids. Exhibits very good flow and spreadability. 100% vegetable derived.</i>
<b>Pelemol EC</b> 🌱	Ethyl Canolate	<i>Exhibits a distinct silicone-like feel on skin much like cyclomethicone D5 and low viscosity silicone fluids.</i>
<b>Pelemol EE</b> 🌱	Octyldodecyl Erucate	<i>Dry ester. Very emollient.</i>
<b>Pelemol EFlaxate</b> 🌱	Ethyl Linseedate	<i>Has a medium cushion on the skin and feels light on rub-out. This lightweight ester can be utilized in most personal care applications. Pelemol EFlaxate has a higher concentration of Linolenic Acid as Omega 3 fatty acids and is highly unsaturated. Exhibits good flow and spreadability. 100% vegetable derived.</i>
<b>Pelemol EHEMP</b> 🌱	Ethyl Cannabis Seedate	<i>Product of the ethyl esters of Hemp Seed Oil. Slight initial silicone feel that becomes dry on rub-in.</i>
<b>Pelemol ELAUR</b> 🌱	Ethyl Laurate	<i>Formed from Ethyl Alcohol and Lauric Acid. Very light oily feel on skin. Excellent Solubility.</i>

# PELEMOL® 100% Vegetable Derived Esters

Product	INCI Name	Description
<b>Pelemol EMoringate</b> 🌿	Ethyl Moringate	Has a low to medium cushion on the skin. Exhibits a slightly oily feel on rub-in leaving the skin with a soft and silky after feel. Pelemol EMoringate contains relatively the same amount of Oleic Acid as Omega 9 fatty acids as EAvocadoate. Exhibits good flow and spreadability. 100% vegetable derived.
<b>Pelemol GMB</b> 🌿	Glyceryl Behenate	Emulsifier for creams and lotions. Imparts richness, builds viscosity.
<b>Pelemol GMLA</b> 🌿	Glyceryl Laurate	Functions as a conditioner and emulsifying agent.
<b>Pelemol GMR</b> 🌿	Glyceryl Ricinoleate	Functions as an emollient, conditioner and emulsifying agent.
<b>Pelemol GTB</b> 🌿	Tribehenin	Used in oil phase of creams and lotions. Adds richness and emolliency.
<b>Pelemol GTHS</b> 🌿	Trihydroxystearin	Hydrogenated castor oil with no odor or taste.
<b>Pelemol GTIS</b> 🌿	Triisostearin	Lubricious emollient. Good cushion, substantive to the skin.
<b>Pelemol I-1816</b> 🌿	Isostearyl Palmitate	Has excellent aesthetic properties, producing non-greasy, tack free films.
<b>Pelemol II</b> 🌿	Isostearyl Isostearate	Provides shine, spreadability and emolliency to the skin.
<b>Pelemol ISAO</b> 🌿	Argan Oil Isostearyl Esters	Imparts an elegant texture to skin, non-greasy.
<b>Pelemol ISB</b> 🌿	Isostearyl Behenate	Extremely emollient. Melts at skin temperature.
<b>Pelemol ISHS</b> 🌿	Isostearyl Hydroxystearate	Mildly occlusive emollient. Glossy. Melts at body temperature.
<b>Pelemol JEC</b> 🌿	Triisostearin (and) Glyceryl Behenate	Lubricious soft paste.
<b>Pelemol MM</b> 🌿	Myristyl Myristate	Very lubricious emollient, soft wax like ester effectively used to build creaminess and viscosity.
<b>Pelemol MOR-1</b> 🌿	Dilinoic Acid/Propanediol Copolymer (and) Propanediol Dicaprylate/Dicaprate	Ester blend to mimic solubility, viscosity and sensory properties of mineral oils.
<b>Pelemol MOR-3</b> 🌿	Dilinoic Acid/Propanediol Copolymer (and) Propanediol Dicaprylate/Dicaprate	Ester blend to mimic solubility, viscosity and sensory properties of mineral oils.
<b>Pelemol MOR-4</b> 🌿	Coco-Caprylate/Caprate (and) Dimer Dilinoleyl Dimer Dilinoleate	Ester blend to mimic solubility, viscosity and sensory properties of mineral oils.
<b>Pelemol MOR-5</b> 🌿	Coco-Caprylate/Caprate (and) Dimer Dilinoleyl Dimer Dilinoleate	Ester blend to mimic solubility, viscosity and sensory properties of mineral oils.
<b>Pelemol OE</b> 🌿	Oleyl Erucate	Jobba oil substitute. Light emollient having good dry down and spreadability.
<b>Pelemol OL</b> 🌿	Oleyl Lactate	Provides shine, spreadability and emolliency to the skin.
<b>Pelemol OLO</b> 🌿	Oleyl Oleate	Hair conditioning agent. Skin conditioning emollient.
<b>Pelemol P3D</b> 🌿	Dilinoic Acid/Propanediol Copolymer	Slightly tacky, substantive, glossy and has no taste or odor. Ideal for lipsticks and lip balms.
<b>Pelemol P-99</b> 🌿	Propanediol Dipelargonate	Water white dry emollient ester. Used as extraction solvent.
<b>Pelemol P-810</b> 🌿	Propanediol Dicaprylate/Caprate	Extremely dry ester. Odorless, colorless. Replacement for many synthetically derived esters.
<b>Pelemol P-1263</b> 🌿	Polyglyceryl-10 Hexaoleate (and) Polyglyceryl-6 Polyricinoleate	Polymeric water-in-oil emulsifier for creams and lotions.
<b>Pelemol PHS-8</b> 🌿	Polyhydroxystearic Acid	Liquid polyester. Substantive, glossy and moisturizing to skin.
<b>Pelemol SB</b> 🌿	Stearyl Behenate	Useful in the oil phase of creams and lotions to impart stability, build viscosity, impart richness.
<b>Pelemol SnO</b> 🌿	Stearyl Caprylate	Crystalline solid. Extremely broad solubility range. Occlusive.
<b>Pelemol SR-100</b> 🌿	Coco-Caprylate/Caprate (and) Dimer Dilinoleyl Dimer Dilinoleate	Ester replacement for silicone fluids with improved stability and higher refractive index.
<b>Pelemol SR-350</b> 🌿	Dimer Dilinoleyl Dimer Dilinoleate (and) Coco-Caprylate/Caprate	Ester replacement for silicone fluids with improved stability and higher refractive index.

## PELEMOL® 100% Vegetable Derived Esters

Product	INCI Name	Description
<b>Pelemol SR-1000</b> 🌿	Dimer Dilinoleyl Dimer Dilinoleate (and) Coco-Caprylate/Caprate	Ester replacement for silicone fluids with improved stability and higher refractive index.
<b>Pelemol SS</b> 🌿	Stearyl Stearate	Oil soluble flake, provides richness while building viscosity
<b>Pelemol T91854</b> 🌿	Triisostearyl Trilinoleate	Dark, amber, viscous liquid. Strong properties as a pigment dispersant.
<b>Pelemol TEC</b> 🌿	Triethyl Citrate	Silicone-like silkiness feel on the skin. Rubs in dry.
<b>Pelemol TT</b> 🌿	Tribehenin (and) Caprylic/Capric Triglyceride	Specifically designed to mimic the tactile properties of Shea Butter.
<b>Pelemol VL</b> 🌿	Dimer Dilinoleyl Dimer Dilinoleate (and) Triisostearin	Replacement for lanolin oil. Tactile and solubility properties make it suitable as a lanolin replacement.

## BIOGEL® 100% Vegetable Derived Esters

Product	INCI Name	Description
<b>BIOGEL Argan Butter</b>	Hydrogenated Argania Spinosa Kernel Oil	Delivers intense moisturization. Quick absorption and exquisite feel.
<b>BIOGEL Canola Butter</b>	Hydrogenated Canola Oil	Used as a diluent in soap bars. Ideal emollient for skin conditioning.
<b>BIOGEL Canola Oil/FH</b>	Hydrogenated Canola Oil	Fully hydrogenated. White flake. Used as a diluent in soap bars.
<b>BIOGEL Castor Oil/FH</b>	Hydrogenated Castor Oil	Fully hydrogenated flakes.
<b>BIOGEL Hemp Seed Butter</b>	Hydrogenated Hemp Seed Oil	Controlled hydrogenation of Cannabis Sativa Seed Oil. Emollient skin conditioning agent. Not a blended product.
<b>BIOGEL Moringa Butter</b>	Hydrogenated Moringa Oleifera Seed Oil	Known for its high oxidative stability. Exhibits antibacterial activity.
<b>BIOGEL Olive Butter</b>	Hydrogenated Olive Oil	Excellent spreadability on the skin. Ideal as a massage butter.
<b>BIOGEL Pumpkin Seed Butter</b>	Hydrogenated Pumpkin Seed Oil	Controlled hydrogenation of Cucurbita Pepo (Pumpkin Seed Oil). Emollient skin conditioning agent.
<b>BIOGEL Soybean Butter</b>	Hydrogenated Soybean Oil	Soft paste, melts on skin contact. Spreads easily. Very Emollient.
<b>BIOGEL Soybean Oil/FH</b>	Hydrogenated Soybean Oil	Fully hydrogenated. White to off-white flakes.
<b>BIOGEL VLHS</b>	Dimer Dilinoleyl Dimer Dilinoleate (and) Triisostearin (and) Hydroxystearic Acid	Spreads easily on skin resulting in a glossy non-tacky coating.

# PELEMOL<sup>®</sup> Synthetic

Multifunctional properties include pigment wetting, gloss, emolliency, superior cushion, lubricious substantivity, spreadability and moisturization.

Product	INCI Name	Description
<b>Pelemol 89</b>	Ethylhexyl Isononanoate	Very dry emollient. Rubs in dry on skin.
<b>Pelemol 108</b>	Isodecyl Ethylhexanoate	Dry, highly branched ester. Resin plasticizer for skin and hair.
<b>Pelemol 168</b>	Cetyl Ethylhexanoate	Very light ester, imparts velvety silky feel to skin.
<b>Pelemol 187</b>	Stearyl Heptanoate	Low melt ester. Provides an emollient cooling effect to skin.
<b>Pelemol 188</b>	Stearyl Ethylhexanoate	Extremely emollient and forms a non-greasy film on skin
<b>Pelemol 256</b>	C12-15 Alkyl Benzoate	Good wetting agent and solvent.
<b>Pelemol 354</b>	Triolein	Triester formed by the reaction of glycerin with oleic acid. Occlusive skin conditioning agent
<b>Pelemol 612</b>	Benzyl Laurate	Extremely lubricious and light, very dry and reduces the greasiness of oils and sunscreens.
<b>Pelemol 899</b>	Isononyl Isononanoate (and) Ethylhexyl Isononanoate	Low viscosity ester. Dry feel and light cushion. Reduces tack and improves spreadability.
<b>Pelemol 1215L</b>	C <sub>12</sub> -C <sub>15</sub> Alkyl Lactate	Non oily soft emollient used in low oil content creams. Reduces tackiness.
<b>Pelemol 2014</b>	Octyldodecyl Myristate	Tasteless, odorless and extremely emollient.
<b>Pelemol 2022</b>	Octyldodecyl Behenate	Its silkiness makes it ideal for all color cosmetics.
<b>Pelemol BIP-PC</b>	Butylphthalimide (and) Isopropylphthalimide	Solvent for avobenzone and oxybenzone. Also functions as a plasticizer for nail lacquers.
<b>Pelemol C25EH</b>	C12-15 Alkyl Ethylhexanoate	Very light, dry ester. Useful for spray fragrances, after shaves.
<b>Pelemol C-150</b>	Bis (Trioctyldodecyl Citryl) Dilinoleate	Unique property of remaining liquid and pourable at 0°C. Acts as a solubilizer for fatty materials.
<b>Pelemol CA</b>	Cetyl Acetate	Very light ester. Ideal for skin preparations.
<b>Pelemol CL</b>	Cetyl Lactate	Provides slip to tacky polymers.
<b>Pelemol D-2000</b>	PPG-26/Dimer Dilinoleate Copolymer	Extremely substantive to skin. Ideal for very transfer resistant products.
<b>Pelemol D5R-1</b>	Ethylhexyl Isononanoate (and) Cetyl Dimethicone	Mimics sensory properties of D5. Has similar solubility characteristics.
<b>Pelemol D-899</b>	PPG-26/Dimer Dilinoleate Copolymer (and) Isononyl Isononanoate (and) Ethylhexyl Isononanoate	Very substantive without the tack, extremely glossy, exhibits outstanding cushion.
<b>Pelemol D9336</b>	Diisopropyl Dimer Dilinoleate	Excellent penetrating emollient ester. Function as a barrier in creams and lotions.
<b>Pelemol DES</b>	Diethyl Sebacate	
<b>Pelemol DIA</b>	Diisopropyl Adipate	Dry, synthetically derived, water white.
<b>Pelemol DIPS</b>	Diisopropyl Sebacate	Hydrophobic, clear, odorless, low viscosity ester.
<b>Pelemol DISA</b>	Diisostearyl Adipate	Oil soluble, light and emollient
<b>Pelemol DISF</b>	Diisostearyl Fumarate	Odorless, extremely emollient and glossy ester.
<b>Pelemol DISM</b>	Diisostearyl Malate	Light silky emolliency, substantive to the skin, odorless.
<b>Pelemol DOA</b>	Diethylhexyl Adipate	
<b>Pelemol DOM</b>	Diethylhexyl Maleate	Good solvent, dissolving sunscreen actives such as Avobenzone and Oxybenzone .

# PELEMOL<sup>®</sup> Synthetic

Product	INCI Name	Description
<b>Pelemol DP-72</b>	Dipentaerythrityl Tetrahydroxystearate/ Tetraisostearate	Hydrophobic, extremely substantive. Produces glossy lustrous films. Excellent lanolin substitute.
<b>Pelemol G7A</b>	Glycereth-7 Triacetate	Water soluble emollient. Good solvent for esters. Functions as a co-solvent or coupler agent.
<b>Pelemol G7B</b>	Glycereth-7 Benzoate	Blooms heavily in water. Ideal for bath products. Soluble in anionic detergents adding emolliency.
<b>Pelemol G45L</b>	Glycereth-5 Lactate	Coupler for hydro-alcoholic fragrance systems allowing inclusion of water while maintaining clarity.
<b>Pelemol GMU</b>	Glyceryl Undecylenate	Enhances penetration in skin, offer protection against gram-negative and gram-positive bacteria, fungi, yeast, and mold.
<b>Pelemol GTAR</b>	Glyceryl Triacetyl Ricinoleate	Highly lubricious, excellent pigment wetting ester. High shine.
<b>Pelemol GTL</b>	Trilactin	
<b>Pelemol GTO</b>	Triethylhexanoin	Light, very emollient non tacky ester with light cushion.
<b>Pelemol IBR</b>	Isobutyl Ricinoleate	
<b>Pelemol ICB</b>	Isocetyl Behenate	Medium to dry, very emollient ester. Odorless, tasteless.
<b>Pelemol ICLA</b>	Isocetyl Laurate	
<b>Pelemol ICO</b>	Isocetyl Ethylhexanoate	Dry emollient ester.
<b>Pelemol ICIS</b>	Isocetyl Isostearate	Dry emollient ester.
<b>Pelemol ICS</b>	Isocetyl Stearate	Lubricious, non-greasy emollient ester. Pigment dispersant.
<b>Pelemol IDO</b>	Isodecyl Oleate	Medium viscosity ester. Imparts sheen to hair.
<b>Pelemol IN-2</b>	Isononyl Isononanoate	Dry, non-oily, emollient with excellent spreadability.
<b>Pelemol IPIS</b>	Isopropyl Isostearate	Light, almost waxy feel on rub-in and is highly suited for use in massage oils.
<b>Pelemol IPM</b>	Isopropyl Myristate	Colorless, odorless. Ideal for hair preparations and sunscreens.
<b>Pelemol IPP</b>	Isopropyl Palmitate	
<b>Pelemol ISE</b>	Isostearyl Erucate	Substantive, non-greasy, emollient, and creating a luxurious softness on skin.
<b>Pelemol ISL</b>	Isostearyl Lactate	Extremely lubricious and silky to the touch.
<b>Pelemol ISNP</b>	Isostearyl Neopentanoate	Dry to semi-dry ester. Imparts pleasantly silky feel to skin.
<b>Pelemol I-1816</b>	Isostearyl Palmitate	Excellent aesthetic properties. Produces non-greasy tack free films. Promotes slip with silky after feel.
<b>Pelemol LL</b>	Lauryl Lactate	Extremely creamy, versatile alpha-hydroxy acid ester.
<b>Pelemol MAR</b>	Methyl Acetyl Ricinoleate	Useful as a light-feel moisture barrier. Low viscosity.
<b>Pelemol ML</b>	Myristyl Lactate	Non-oily, soft waxy, emollient. Low melt point. Velvety feel.
<b>Pelemol MOR-2</b>	Isononyl Isononanoate (and) Ethylhexyl Isononanoate (and) PPG-26/Dimer Dilinoleate Copolymer	Mimics the solubility characteristics, viscosities, and sensory properties of mineral oils.
<b>Pelemol MS</b>	Myristyl Stearate	
<b>Pelemol NGDIS</b>	Neopentyl Glycol Diisostearate	Diester formed by the reaction of neopentyl glycol with isostearic acid. Forms a light, oily occlusive barrier on skin.
<b>Pelemol NPGDD</b>	Neopentylglycol Dicaprate/Dicaprylate	Water white, odorless, low viscosity, dry liquid that leaves the skin with a soft after feel with a matte finish.
<b>Pelemol NGDO</b>	Neopentyl Glycol Dicaprate/Dicaprylate	Light emollient ester/solvent. Used as solubilizer and plasticizer for nail enamels.
<b>Pelemol ODL</b>	Octyldodecyl Lactate	Highly polar ester. High cushion, emolliency, gloss and moisturization.

# PELEMOL<sup>®</sup> Synthetic

Product	INCI Name	Description
<b>Pelemol ODR</b>	Octyldodecyl Ricinoleate	Functions as an occlusive moisturizer and is extremely emollient and substantive to skin. Broad range of solubility.
<b>Pelemol ODSS</b>	Octyldodecyl Stearoyl Stearate	Light, extremely emollient ester with excellent skin spreadability.
<b>Pelemol OHS</b>	Ethylhexyl Hydroxystearate	Imparts non-tacky, lubricious, and emollient properties to cosmetic products.
<b>Pelemol OP</b>	Ethylhexyl Palmitate	Rich non-oily emollient ester. Acts as an anticlogging/suspending agent.
<b>Pelemol OPG</b>	Ethylhexyl Pelargonate	Very dry emollient. Reduces tackiness in antiperspirant sticks.
<b>Pelemol OS</b>	Ethylhexyl Stearate	Anticlogging/suspending agent. Used as a binder for pressed powder.
<b>Pelemol P-49</b>	Pentaerythrityl Tetraisononanoate	Extremely silky ester, tasteless, odorless, glossy.
<b>Pelemol PDD</b>	Propylene Glycol Dicaprylate/Dicaprate	Hydrophobic, emollient ester. Also used as co-solvent or emulsifier in sunscreen products.
<b>Pelemol PGDP</b>	Propylene Glycol Dipelargonate	Clear, water-white, relatively dry emollient ester.
<b>Pelemol PTA</b>	Pentaerythrityl Tetraacetate	
<b>Pelemol PTIS</b>	Pentaerythrityl Tetraisostearate	Rapidly absorbed ester. Possesses cushion with slight drag. Extremely bland taste.
<b>Pelemol PTL</b>	Pentaerythrityl Tetralaurate	Soft paste, very hydrophobic, lubricious, substantive to skin.
<b>Pelemol PTO</b>	Pentaerythrityl Tetraethylhexanoate	Clear, silky. Is oil soluble and water insoluble.
<b>Pelemol PTP</b>	Pentaerythrityl Tetrapelargonate	Exhibits excellent performance attributes such as cushion, tack, lubrication, and drag.
<b>Pelemol PTT</b>	Pentaerythrityl Tetracaprylate/ Tetracaprate	Tetra ester formed from the reaction of Pentaerythritol and caprylic/caproic acids. Occlusive ester.
<b>Pelemol SPO</b>	Cetearyl Ethylhexanoate	Very emollient, has a broad solubility, leaves skin luxurious.
<b>Pelemol SR-20</b>	Coco-Caprylate/Caprate (and) Trioctyldodecyl Citrate	Ester Replacement for Dimethicone Fluids.
<b>Pelemol TAC-25</b>	Tri-C12-13 Alkyl Citrate	Castor oil compatible and an effective pigment wetting and dispersing agent.
<b>Pelemol TDE</b>	Tridecyl Erucate	Very light oily feel. Replacement for mineral oil.
<b>Pelemol TDS</b>	Tridecyl Stearate	Very quick absorption rate and leaves a velvety after feel on skin.
<b>Pelemol TDTM</b>	Tridecyl Trimellitate	Hydrophobic, emollient ester, with good skin substantivity.
<b>Pelemol TISC</b>	Triisostearyl Citrate	Has a degree of hydrophobicity facilitating emulsification and wettability.
<b>Pelemol TGC</b>	Trioctyldodecyl Citrate	Viscous, excellent cushion, pigment wetting & dispersant.
<b>Pelemol TMPIS</b>	Trimethylolpropane Triisostearate	Extremely emollient with superior cushion. Modifier for plasticity/melt point of high melt esters.
<b>Pelemol TMPO</b>	Trimethylolpropane Triethylhexanoate	Medium to light emollient with exceptional playtime. Hydrophobic & non-tacky.
<b>Pelemol TOC</b>	Trioleyl Citrate	

# PECOSIL<sup>®</sup> Silicone Phosphates

Product	INCI Name	Description
<b>Pecosil PS-100</b>	Dimethicone PEG-7 Phosphate	Anionic primary o/w emulsifier. Provides manageability and sheen to hair
<b>Pecosil PS-100K</b>	Potassium Dimethicone PEG-7 Phosphate	Potassium salt of PS-100 with more cushion. Primary o/w emulsifier.
<b>Pecosil PS-100T</b>	TEA-Dimethicone PEG-7 Phosphate	
<b>Pecosil PS-112</b>	Dimethicone PEG-7 Phosphate	High molecular polymeric analog of PS-100. Contains 12 ionizable phosphate groups.
<b>Pecosil F-112</b>	Perfluorononyl ethyl Carboxy PEG-7 Dimethicone Phosphate	Water soluble oleophobic fluoro-silicone fluid. Exhibits foaming in water. Useful in shampoos.
<b>Pecosil PS-11220</b>	Dimethicone PEG-20 Phosphate	High molecular weight analog to PS-112. Has 20 ionizable phosphates.
<b>Pecosil WDS-124</b>	Dimethicone PEG/PPG-12/4 Phosphate	Anionic, can complex with cationic sites on conditioned hair for enhanced sheen. Pigment wetter and dispersant.

# PECOSIL<sup>®</sup> Silicone Quaternaries and Panthenol Copolymers

Product	INCI Name	Description
<b>Pecosil 36 PS</b>	Dilinoleamidopropyl Dimethylamine Dimethicone PEG-7 Phosphate	Functions as an emulsifier for high molecular weight silicone fluids in shampoos.
<b>Pecosil PAN-12</b>	Potassium Dimethicone PEG-7 Panthenyl Phosphate	Provides sheen, manageability, and softness, and improves both wet- and dry-combing.
<b>Pecosil PAN-150</b>	Steardimonium Hydroxypropyl Panthenyl PEG-7 Dimethicone Phosphate Chloride	Exhibits protective properties to hair by enabling hair to withstand breakage. In skin care PAN-150 is effective as a moisturizer helping to reduce the scaling and cracking associated with dry skin.
<b>Pecosil PAN-1218Q</b>	Steardimonium Hydroxypropyl Panthenyl PEG-7 Dimethicone Phosphate Chloride	Reduces combing forces for both wet and dry hair as well as forming a glossy, light reflective film for added shine. Adds volume to hair.
<b>Pecosil CA-1240</b>	Silicone Quaternium-12	Silicone quaternary that are 37% to 40% active in water. Provides softness, manageability and sheen, restoring natural brilliance to hair.
<b>Pecosil AD-3640</b>	Silicone Quaternium-8	Silicone quaternary that are 37% to 40% active in water. Provides softness, manageability and sheen, restoring natural brilliance to hair.
<b>Pecosil PAN-400</b>	Potassium Dimethicone PEG-7 Panthenyl Phosphate	Suitable for anhydrous systems such as lipsticks, nail treatment and hot oil treatments.
<b>Pecosil PAN-418</b>	Steardimonium Hydroxypropyl Panthenyl PEG-7 Dimethicone Phosphate Chloride	Tetra-panthenol, tetra-quaternary silicone that provides enhanced substantivity, body and sheen to the hair.
<b>Pecosil PSQ-1218</b>	Steardimonium Hydroxypropyl PEG-7 Dimethicone Phosphate Chloride	Provides manageability and superior comb thru properties. Has a strong affinity to hair and skin. Contains 12 phosphate groups.
<b>Pecosil PSQ-418</b>	Steardimonium Hydroxypropyl PEG-7 Dimethicone Phosphate Chloride	Has a strong affinity to hair and skin. Superb conditioning with superior comb thru properties.
<b>Pecosil SPP-50</b>	Potassium Dimethicone PEG-7 Panthenyl Phosphate	Provides hydration, conditioning and improved wet/dry-comb characteristics to hair.
<b>Pecosil SWQ-40</b>	Quaternium-86	A protein silicone quaternary. Increases hair substantivity and moisturization.

## PECOSIL® Silicone Gels

Series of gels to deliver a luxurious satin feel and impart a pronounced silky, powdery, satin elegance to the skin. Effective as a lubricant to improve mold release for deodorant sticks, lipsticks and soap bars.

Product	INCI Name	Description
<b>Pecosil G</b>	Dimethicone (and) Cyclomethicone (and) Phenyl Trimethicone (and) Trimethylsiloxysilicate	Clear silicone gel, extraordinary lubricious properties. Tack free, leaves skin satiny, soft.
<b>Pecosil G-5</b>	Dimethicone (and) Phenyl Methicone (and) Poly(C30-45) Olefin	Clear silicone gel, extraordinary lubricious properties. Tack free, leaves skin satiny, soft.
<b>Pecosil G-10</b>	Dimethicone (and) Isododecane (and) Trimethylsiloxysilicate (and) Ethylhexyl Hydroxystearate and Poly(C30-45) Olefin	Imparts unique silky, lubricious feel to skin. It's film forming properties make it very suitable for use in massage products.
<b>Pecosil G 62-BD</b>	Cyclopentasiloxane (and) Dimethicone/ Vinyl Dimethicone Crosspolymer (and) Behenyl Dimethicone/Bis Vinyl dimethicone Crosspolymer	Provides luxurious emolliency, spreadability, and cushion to all skin products. Leaves the skin with a pronounced silky, powdery, light waxy elegance.
<b>Pecosil G62-CD</b>	Cetearyl Dimethicone/ Vinyl Dimethicone Crosspolymer	
<b>Pecosil G-600</b>	Isododecane (and) Vinyl Dimethicone/ Lauryl Dimethicone Crosspolymer (and) Dimethicone (and) Lauryl Dimethicone	Leaves the skin with a pronounced silky, powdery, light waxy elegance. Acts as a moisture barrier that contributes to softness in all make-up, skin and sunscreen products.
<b>Pecosil GCP-1</b>	Cyclopentasiloxane (and) Dimethicone / Vinyl Dimethicone Crosspolymer	

## PECOSIL® Silicon Esters and Pigment Coatings

Hydrophobic and occlusive humectants desirable in skin and make-up formulations.

Product	INCI Name	Description
<b>Pecosil C8ES</b>	Triethoxycaprylylsilane	Reactive to pigments, providing an alkylsilicone hydrophobic coating. Improves pigment dispersibility in organic media.
<b>Pecosil D3B</b>	Hydroxypropyl Dimethicone Behenate	Provides occlusive barrier on skin to prevent moisture loss. Matte finish for color and promotes transfer resistance.
<b>Pecosil DB</b>	Dimethiconol Behenate	Extremely lubricious and emollient silicone ester.
<b>Pecosil DCL</b>	Dimethicone PEG-7 Lactate	Water soluble, alpha-hydroxy silicone ester. Ideal for bath products.
<b>Pecosil DCU</b>	Dimethicone PEG-7 Undecylenate	Soluble in water and castor oil. Very useful in lipsticks as a coupling agent.
<b>Pecosil DDL</b>	Dimethiconol Dilactate	Spreads easily on skin leaving the skin with a silicone-like, silky soft feel. Contains two alpha hydroxy acid groups making it useful for gentle exfoliation.
<b>Pecosil DS</b>	Dimethiconol Stearate	
<b>Pecosil OS-100B</b>	Dimethicone Propylethylenediamine Behenate	Very viscous paste and is extremely hydrophobic. Good film former and imparts high sheen to skin and hard surfaces.
<b>Pecosil SH-25L</b>	Hydrogen Dimethicone	Reactive silicone that will bond to pigment surfaces resulting in a covalently bound hydrophobic silicone coating.
<b>Pecosil TG-B</b>	Borage Seed Oil PEG-7 Dimethicone Esters	

# PECOSIL<sup>®</sup> Silicone Fluids

This hydrophobic polydimethylsiloxane wax based series leaves the hair with a shiny, glistening barrier to the hair.

Product	INCI Name	Description
<b>Pecosil ARS-09</b>	Phenylisopropyl Dimethicone	Hydrophobic silicone wax. Eliminates syneresis, as lubricants improve mold release for lipstick and soap bars, bonding agents for hot pour or pressed powder and applications where "slip" is desirable, imparting barrier properties to enhance moisturization.
<b>Pecosil ARS-12</b>	Lauryl Phenylisopropyl Methicone	Liquid hydrophobic silicone wax. Improves mold release.
<b>Pecosil AS-16</b>	Cetyl Dimethicone	Liquid hydrophobic silicone wax. Improves mold release.
<b>Pecosil AS-18</b>	Stearyl Dimethicone	Liquid paste hydrophobic silicone wax. Improves mold release.
<b>Pecosil AS-22</b>	Behenyl Dimethicone	Gel hydrophobic silicone wax. Imparts mold release.
<b>Pecosil AS-26</b>	Ceretyl Dimethicone	Soft hydrophobic silicone wax. Imparts mold release.
<b>Pecosil CDF-500</b>	Cyclomethicone (and) Dimethicone	
<b>Pecosil C-101D</b>	Cetyl PEG/PPG-10/1 Dimethicone	Water soluble and functions as a water-in-oil (w/o) emulsifier.
<b>Pecosil DCF-12</b>	PEG-12 Dimethicone	Polymeric dimethicone copolyol fluid. Functions as a wetting agent, emulsifier and foam builder.
<b>Pecosil DCF-1818</b>	PEG/PPG-18/18 Dimethicone	Emulsifier, wetting agent for hair conditioners.
<b>Pecosil PTF</b>	Phenyl Trimethicone	Short chain silicone particularly suitable for hair conditioning. Provides sheen and softness and as an occlusive skin conditioning agent.
<b>Pecosil S0-9</b>	PEG-9 Dimethicone Phosphate (and) PEG-9 Olivat	Water soluble moisturizing and conditioning emollient system.

# PECOSIL<sup>®</sup> Fluoro Silicone Fluids

Product	INCI Name	Description
<b>Pecosil FDM-30</b>	Perfluorononyl ethyl Carboxydecyl PEG-10 Dimethicone	Water soluble fluoro silicone fluid.
<b>Pecosil FSH-150</b>	Perfluorononyl Dimethicone	Preferably used in sunscreens for water and sweat resistance products (oil repellency), shampoos and conditioners for sebum control and quick drying. Excellent anti-frizz agents. Promotes lustrous light hair conditioning.
<b>Pecosil FSH-300</b>	Perfluorononyl Dimethicone	Excellent anti-frizz agents. Promotes lustrous light hair conditioning
<b>Pecosil FSH-1500</b>	Perfluorononyl Dimethicone	Excellent anti-frizz agents. Promotes lustrous light hair conditioning
<b>Pecosil FSL-150</b>	Perfluorononyl Dimethicone	Excellent anti-frizz agents. Promotes lustrous light hair conditioning
<b>Pecosil FSL-300</b>	Perfluorononyl Dimethicone	Excellent anti-frizz agents. Promotes lustrous light hair conditioning
<b>Pecosil FSU-150</b>	Perfluorononyl Dimethicone	Excellent anti-frizz agents. Promotes lustrous light hair conditioning
<b>Pecosil FSU-300</b>	Perfluorononyl Dimethicone	Excellent anti-frizz agents. Promotes lustrous light hair conditioning

# DICOPAMINE<sup>®</sup> Organofunctional Silicones

Product	INCI Name	Description
<b>Dicopamine PC-35</b>	Cetrimonium Chloride (and) Dimethicone PEG-7 Phosphate	Extremely mild conditioning complex.

# PHOENOMULSE® Emulsions and Emulsion Aids

Product	INCI Name	Description
<b>Phoenomulse CE-1</b>	Water (and) Methyl Perfluorobutyl Ether (and) Methyl Perfluoroisobutyl Ether (and) Polyhydroxystearic Acid (and) Isononyl Isononanoate (and) Sodium Cocamidopropyl PG-Dimonium Chloride Phosphate (and) Ethylhexyl Isononanoate	<i>CE-1 miscelle destabilizes releasing the fluoro component causing the surfactants in the products base to produce a continuous self-foaming effect. Foam character can be adjusted with surfactant blend modifications.</i>
<b>Phoenomulse CE-5</b>	Decafluoropentane (and) Water (and) Polyhydroxystearic Acid (and) Isononyl Isononanoate (and) Sodium Cocamidopropyl PG-Dimonium Chloride Phosphate (and) Ethylhexyl Isononanoate	<i>CE-5 miscelle destabilizes releasing the fluoro component causing the surfactants in the products base to produce a continuous self-foaming effect. Foam character can be adjusted with surfactant blend modifications.</i>
<b>Phoenomulse 100-PA</b>	Water (and) Polyhydroxystearic Acid (and) Isononyl Isononanoate (and) Sodium Cocamidopropyl PG-Dimonium Chloride Phosphate (and) Ethylhexyl Isononanoate	

# PECOGEL® Polymeric Cosmetic Hydrogels

Forms a flexible, non-tacky film when dry and a slippery film when wet. Substantive to hair and skin while maintaining excellent film properties. Exhibit low solution viscosities and non-pituitous flow behavior.

Product	INCI Name	Description
<b>Pecogel H-12/A</b>	Water (and) VP/Polycarbamyl Polyglycol Ester	<i>Polymer solution in water. Forms a flexible, non-tacky film. Once film is dry the polymer resists removal when wet. Has fragrance holding and slow release properties when mild heat and moisture are present.</i>
<b>Pecogel H-115/A</b>	Water (and) VP/Polycarbamyl Polyglycol Ester	<i>Same as H-12/A with greater water resistance.</i>
<b>Pecogel H-1220/A</b>	Water (and) VP/Polycarbamyl Polyglycol Ester	<i>Same as H-115/A with greater water resistance.</i>
<b>Pecogel GC-310/A</b>	Water (and) VP/Dimethylaminoethylmethacrylate/Polycarbamyl Polyglycol Ester	<i>Silicone based cosmetic hydrogel.</i>
<b>Pecogel GC-1110/A</b>	Water (and) VP/Dimethylaminoethylmethacrylate/Polycarbamyl Polyglycol Ester	<i>Same as GC-310/A with greater water resistance.</i>
<b>Pecogel S-1120/A</b>	Water (and) VP/Dimethiconylacrylate/Polycarbamyl Polyglycol Ester	<i>Nonionic aqueous solution of inter polymers of unique silicone containing copolymers. Exhibits low solution viscosities and non-pituitous flow behavior.</i>
<b>Pecogel S-2120/A</b>	Water (and) VP/Dimethiconylacrylate/Polycarbamyl Polyglycol Ester	<i>Same as S-1120/A, but has more Dimethiconylacrylate.</i>
<b>Pecogel HS-501/A</b>	Water (and) VP/Dimethiconylacrylate/Polycarbamyl Polyglycol Ester (and) VP/Polycarbamyl Polyglycol Ester	<i>Silicone based film-former. Film is flexible and non-tacky when wet and thicker than other Hydrogels.</i>

# GIOVAREZ® & PECOREZ® Polymers

Product	INCI Name	Description
<b>Giovarez 1800</b>	Polyvinyl Stearyl Ether	A film forming waxy polymer. Useful for color development, gloss in lipstick and volumizer in mascara.
<b>Giovarez AC3-4</b>	Isododecane (and) Acrylic Acid/Isobornyl Methacrylate/Isobutyl Methacrylate Copolymer	Clear liquid, dries to a continuous, glossy, hard, continuous insoluble film. Transfer resistant.
<b>Giovarez AC-5099M</b>	Isododecane (and) Acrylates Copolymer	Useful in transfer resistant make-up, lipstick and mascara.
<b>Giovarez ACW-372</b>	Acrylic Resin (and) Triethylammonium Salt	Forms a clear glossy film. Ideal for water based nail enamels.
<b>Giovarez BTB-50</b>	Isododecane (and) Behenyl Methacrylate/t-Butyl Methacrylate Copolymer	Glossy, clear, continuous, hard but flexible, water-insoluble film. When formulated into cosmetic products, the polymer film becomes more flexible due to oils and esters present in the formulated product which act as plasticizers for the acrylic film.
<b>Pecorez AC-50</b>	Butyl Acetate Acrylates Copolymer	Forms a clear, hard, smooth, glossy, non-yellowing film. Ideal for nail enamels.
<b>Pecorez AC-50E</b>	Ethyl Acetate Acrylates Copolymer	Forms a clear, hard, smooth, glossy, non-yellowing film. Ideal for nail enamels.
<b>Pecorez BMA-BI</b>	Acrylates Copolymer (and) Butyl Acetate (and) Isopropyl Alcohol	
<b>Pecorez MCTS-3</b>	Water (and) Styrene/Acrylates/Ammonium Methacrylate Copolymer	Polymer developed specifically for water-based nail enamel.

## CATEMOL® Amidoamines

Product	INCI Name	Description
<b>Catamol 220</b>	Behenamidopropyl Dimethylamine	Adds body to hair and builds viscosity
<b>Catamol C-120</b>	Cocamidopropyl Dimethylamine	Similar to 220, lower molecular weight and improves dry-comb.
<b>Catamol S-180</b>	Stearamidopropyl Dimethylamine	Builds viscosity and functions as a hair conditioner
<b>Catamol 360</b>	Dilinoleamidopropyl Dimethylamine	Ideal for rinse-off and leave-in conditioners.

## CATEMOL® Quaternaries & Cationic Organic Salts

Product	INCI Name	Description
<b>Catamol HBC-18</b>	Hydroxypropyl Bisstearyldimonium Chloride	Hair conditioner. Paste.
<b>Catamol I-18-ES</b>	Isostearamidopropyl Ethyldimonium Ethosulfate (and) PEG-9	Functions as an anti-static agent and an oil emulsifier and a viscous liquid hair conditioner.
<b>Catamol MMM</b>	Cocamidopropyl Trimonium Chloride (and) Butylene Glycol	Excellent hair conditioner. Anti-stat to mitigate static flyaway. Superior viscosity thickening.
<b>Catamol WPL</b>	Lapyrium Chloride	Hair and skin conditioner. Substantive with excellent after feel on hands and skin.
<b>Catamol WPC</b>	Steapyrium Chloride	Hair and skin conditioner. Substantive with excellent after feel on hands and skin.
<b>Catamol 1825-L</b>	Stearamidopropyl Dimethylamine Lactate	Emulsifier and viscosity builder for conditioners.
<b>Catamol 220-B</b>	Behenamidopropyl Dimethylamine Behenate	Superior cationic conditioner and viscosity builder. Dissolves in oils upon warming and gels upon cooling.
<b>Catamol S180-S</b>	Stearamidopropyl Dimethylamine Stearate	Similar to Catamol 220-B.

## PHOENAMID<sup>®</sup> Alkyl Methylamines

Product	INCI Name	Description
<b>Phoenamid 70 Extra</b>	Cocamide MEA	Used in hair color systems at levels of 28-30% to produce a firm gel with no drip or running which significantly reduces dye staining on scalp.
<b>Phoenamid AME-70</b>	Acetamide MEA	
<b>Phoenamid LMEA</b>	Lactamide MEA	Humectant for skin and hair dye products. Smooth, non-greasy skin feel. Adds sheen to dull and over treated hair.

## NEOPRO<sup>®</sup> Proteins & Proteins Derivatives

Product	INCI Name	Description
<b>Neopro W-40</b>	Hydrolyzed Wheat Protein/PEG-20 Acetate Copolymer	Substantive film forming conditioner. Repairs split ends, helps moisturize and hydrate dry hair.

## PHOENOXOL<sup>®</sup> Alkoxy Alcohols

Product	INCI Name	Description
<b>Phenoxol BD-10P</b>	PPG-10 Butanediol	Lightens oily feel of heavier emollients. Ideal for lotions, foundations and antiperspirants
<b>Phenoxol G-7</b>	Glycereth-7	Emulsifier, water soluble emollient
<b>Phenoxol G-26</b>	Glycereth-26	Emulsifier, solubilizer
<b>Phenoxol L-2</b>	Laureth-2	Emulsifier
<b>Phenoxol L-4</b>	Laureth-4	Emulsifier
<b>Phenoxol L-7</b>	Laureth-7	Emulsifier
<b>Phenoxol L-9</b>	Laureth-9	Emulsifier
<b>Phenoxol L-10</b>	Laureth-10	Emulsifier
<b>Phenoxol L-23</b>	Laureth-23	Emulsifier, solubilizer
<b>Phenoxol OL-3</b>	Oleth-3	Emulsifier
<b>Phenoxol OL-5</b>	Oleth-5	Emulsifier
<b>Phenoxol OL-10</b>	Oleth-10	Emulsifier
<b>Phenoxol PW</b>	Cetearyl Alcohol (and) Polysorbate 60	Emulsifier
<b>Phenoxol STA-2</b>	Steareth-2	Emulsifier
<b>Phenoxol STA-20</b>	Steareth-20	Emulsifier
<b>Phenoxol STA-21</b>	Steareth-21	Emulsifier
<b>Phenoxol T</b>	Cetearyl Alcohol (and) Steareth-30 (and) Ceteareth-10	Emulsifier

## PHOENIX<sup>®</sup> Hydroxypropyldimethicone & Hydroxystearic Acid

Product	INCI Name	Description
Phoenix DC-100	Hydroxypropyldimethicone	
Phoenix HSA	Hydroxystearic Acid	

## PHOENOTAIN<sup>®</sup>E Sodium Cocamidopropyl Dimmonium Chloride Phosphate

Product	INCI Name	Description
Phenotaine C-35	Sodium Cocamidopropyl PG-Dimonium Chloride Phosphate	Extensively used in cosmetics for their ability to act as emulsifiers, lubricants, dispersing agents, and emollients.

## PHOENOXIDE<sup>®</sup> Alkoxy Acids

Product	INCI Name	Description
Phenoxide C0-5	PEG-5 Castor Oil	Emulsifier
Phenoxide C0-25	PEG-25 Castor Oil	Fragrance solubilizer and emulsifier
Phenoxide C0-40	PEG-40 Castor Oil	Fragrance solubilizer and emulsifier
Phenoxide E-400	PEG-8	Humectant, solvent, emulsifier
Phenoxide HC0-16	PEG-16 Hydrogenated Castor Oil	Emulsifier
Phenoxide HC0-40	PEG-40 Hydrogenated Castor Oil	Superior fragrance solubilizer
Phenoxide HC0-60	PEG-60 Hydrogenated Castor Oil	An effective dispersant/solubilizer with surfactant-like properties having a hydrophobic(lipophilic) end with a hydrophilic(lipophobic) tail.
Phenoxide NP-4	Nonoxynol-4	Emulsifier
Phenoxide NP-9	Nonoxynol-9	Emulsifier

## COSCAP<sup>®</sup> Alkoxy Ethers

Product	INCI Name	Description
Coscap G7-MC	Glycereth-7 Trimethyl Ether	Produces light dry, silky emolliency. Is stable over a wide pH range
Coscap PME-3	PPG-3 Myristyl Ether	Extremely emollient, broad solubility range making this ether formulating friendly.

# PHOENATE<sup>®</sup> PEG Esters

Product	INCI Name	Description
<b>Phoenate 150 DSA</b>	PEG-150 Distearate	<i>Efficient thickener for shampoos, facial cleanser and transparent body washes</i>
<b>Phoenate 3 DSA</b>	PEG-3 Distearate	<i>Forms fine, highly aesthetic pearl in shampoos and other surfactants systems</i>
<b>Phoenate COPA</b>	Castor Oil Phosphate	<i>Functions as a pigment dispersing and coating agent.</i>
<b>Phoenate DL-4</b>	PEG-4 Dilaurate	<i>Water dispersible emollient emulsifier</i>
<b>Phoenate DL-8</b>	PEG-8 Dilaurate	<i>Water dispersible oil soluble emulsifier and emollient</i>
<b>Phoenate DO-8</b>	PEG-8 Oleate	<i>Water dispersible oil soluble emulsifier and emollient</i>
<b>Phoenate GC-7</b>	PEG-7 Glyceryl Cocoate	<i>Emulsifier &amp; emollient. Useful in both aqueous and anhydrous systems</i>
<b>Phoenate GC-30</b>	PEG-30 Glyceryl Cocoate	<i>Liquid emulsifier for o/w emulsions</i>
<b>Phoenate MO-8</b>	PEG-8 Oleate	<i>Emulsifier &amp; emollient. Useful in both aqueous and anhydrous systems</i>
<b>Phoenate MO-12</b>	PEG-12 Oleate	<i>Emulsifier &amp; emollient. Useful in both aqueous and anhydrous systems</i>

02/2024

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#### **Dempsey Corporation**

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## South America

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#### **Midelt Quimica Ltda**

### Argentina

#### **Sasuar S.R.L.**

### Colombia

#### **Presquim Ltda**

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Netherlands

#### **Kreglinger Europe**

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#### **MCB Management & Consulting**

Italy

#### **COSMAG**

Spain, Portugal, Morocco

#### **Cestisa**

UK, Ireland, Poland, Russia,  
Belarus, Kazakhstan

#### **Cornelius Group**

Greece

#### **Cellco Chemicals SA**

## Africa, Australia & New Zealand

South Africa

#### **Essential Specialized Products**

Australia & New Zealand

#### **Ingredients Plus Pty Ltd.**

Algeria, Tunisia

#### **Cestisa**

## Asia

China

#### **KTL Chemical Co., Ltd.** (North)

#### **Noble Trading** (South)

India

#### **Yasham Specialty Ingredients Pvt. Ltd.**

Korea

#### **Omega Chem**

Indonesia

#### **P.T. Tentrem Artha Nugraha**

Malaysia & Singapore

#### **Chemical Solutions Sdn. Bhd.**

Taiwan

#### **Fairlink Rading Co.**

## Middle East

Israel

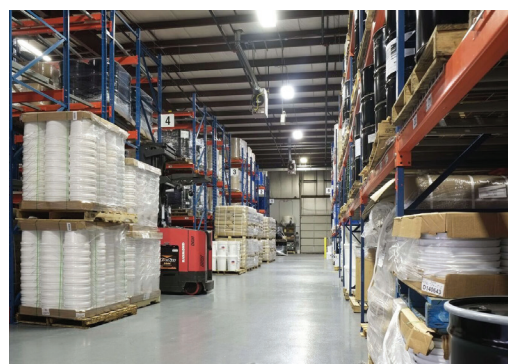
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#### **Brenntag Kimya Tic. Ltd. Sti.**

## Distribution & Logistics Centers

- **Antwerp, Belgium**
- **Riverside, California**
- **Branchburg, New Jersey**
- **Elizabeth, New Jersey**







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