





**THE ZENIGLOSS PLATFORM** is a unique technology that produces a complex polyester polymer formed by a unique two-step process. In step one, castor oil is polymerized with succinic acid. The result is a branched polymer that provides good adhesion qualities for pigments, excellent barrier formation, with long-lasting emolliency. Step two is a capping reaction, in which residual hydroxyl groups are reacted with isostearic acid. This step creates a polyester, resulting in a high-gloss polymer, that, when added to a finished product, imparts a healthy glow to skin, sun, color, and hair.

	INCI NAME	PRIMARY FUNCTION	USE LEVEL
ZENIGLOSS®	Castor Isostearate Succinate	Polymeric gloss agent, pigment wetter and dispersant, plasticizer and emollient, SPF booster (3,700 mw)	.25 – 6%
ZENIGLOSS® S	Castor Isostearate Beeswax Succinate	Polymeric emollient base for sticks, gloss agent	2 – 10%
ZENIGLOSS® Q	Polyquaternium-57	Cationic polymer, gloss agent and conditioner for hair and skin, moisturizer (4,700 mw)	.5 – 4%
ZENIGLOSS® Q-SE	Polyquaternium-57, PEG-8 Ricinoleate	Cationic self-emulsifying gloss agent and conditioner, water dispersible	2 – 8%
ZENIGLOSS® UP/ ZENOLIN®	Castor Isostearate Succinate	Substantive polymeric gloss agent, plasticizer, wetting vehicle, reduced odor, SPF booster (5,700 mw)/ Natural lanolin replacement, SPF booster (5,700 mw)	.25 – 10%
ZENIGLOSS® UPH/ ZENOLATUM®	Castor Isostearate Succinate, Hydrogenated Castor	Gelled polymer, film former, pigment wetter, emollient, reduced odor (5,700 mw)/ Natural petrolatum replacement	2 – 25%



**THE ZENIWAX PLATFORM** allows us to alter the properties of our natural ingredients. Octyl Dodecanol is derived from coconut oil, and all waxes used in our process are USP quality and 100% pure. Oils derived from fruit and nut oils are cold pressed to retain naturally occurring antioxidant and other attributes. Zenibee Cream is the basis for this technology. This reaction forms a product that melts at body temperature, has superb barrier qualities, outstanding skin feel, and excellent emolliency.

	INCI NAME	PRIMARY FUNCTION	USE LEVEL
ZENIBEE CREAM®	Octyl Dodecanol, Beeswax	Emollient, film former, good barrier	1 – 10%
RASPBERRY BUTTER®	Octyl Dodecanol, Beeswax, Rubus Idaeus	Emollient, film former, good barrier	1 – 10%
CARNAUBA BUTTER®	Octyl Dodecanol, Copernicia Cerifera	Emollient, film former, good barrier	1 – 10%
LIME BUTTER®	Octyldodecanol, Beeswax, Citrus Aurantifolia Oil	Emollient, film former, good barrier	1 – 10%
ORANGE BUTTER®	Octyldodecanol, Beeswax, Citrus Aurantium Oil	Emollient, film former, good barrier	1 – 10%
POMEGRANATE BUTTER®	Octyldodecanol, Beeswax, Punica Granatum	Emollient, film former, good barrier	1 – 10%
ARGAN BUTTER®	Octyldodecanol, Beeswax, Argania Spinosa Kernel Oil	Emollient, film former, good barrier	1 – 10%
LAVENDER BUTTER®	Octyldodecanol, Beeswax, Lavandula Angustifolia Oil	Emollient, film former, good barrier	1 – 10%



**THE ZENIMER PLATFORM** is the exciting achievement of our efforts to alter the polarity and molecular flexibility of a class of compounds specifically developed to be multifunctional. Phase one of this breakthrough technology is the reaction of any natural oil into a compound suitable for skin care. Phase two is the creation of a water soluble 6000-molecular weight silicone. The final phase is the synergistic self-assembling combination of the separate compounds to form the Zenimer group of products. These go clear into any formula, and can be used in hair, skin, and sun applications.

	INCI NAME	PRIMARY FUNCTION	USE LEVEL
ZENICONE® IX	PEG-8 Dimethicone, PEG-8 Ricinoleate	Water soluble silicone polymer, humectant, o/w w/o coupler (2,200 mw)	.25 – 4%
ZENICONE® XX	PEG-8 Dimethicone, PEG-8 Ricinoleate	Substantive water soluble silicone polymer, moisturizes skin and hair (6,000 mw)	.25 – 4%
ZENICONE® XQ	PEG-8 Dimethicone, PEG-8 Ricinoleate, Polyquaternium 57	Cationic water soluble silicone polymer for hair and skin, moisturizer and volumizer (6,000 mw)	.25 – 4%
ZENIBERRY® R-XX	PEG-8 Dimethicone, PEG-8 Raspberriate	Substantive water soluble silicone polymer, moisturizes skin and hair, o/w w/o coupler (6,000 mw)	.25 – 4%
ZENIBERRY® R-XQ	PEG-8 Dimethicone, PEG-8 Raspberriate, Polyquaternium 57	Cationic water soluble silicone polymer for hair and skin, moisturizer and volumizer (6,000 mw)	.25 – 4%



**THE ZENESTER PLATFORM** provides a series of high molecular weight (36,000) polymeric silicone polyesters, some of which are water soluble and non-ionic. They are compatible with cationic and anionic systems. These branched polymers leave no buildup on hair and provide the high molecular weight needed for skin and sun care. They go clear into a formula and act as couplers in oil/water or water/oil emulsions. The Zenester platform includes a micro-emulsion and a quaternized product.

	INCI NAME	PRIMARY FUNCTION	USE LEVEL
ZENESTER® S	PEG-8 Dimethicone/Dimer Dilinoleic Acid Copolymer	Substantive water soluble silicone polymer, humectant (25,000 mw)	.25 – 4%
ZENESTER® D	PEG-8 Dimethicone/Dimer Dilinoleic Acid Copolymer	Substantive water dispersible silicone polymer, humectant (36,000 mw)	.25 – 4%
ZENESTER® ME	Bis-PEG-10 Dimethicone/Dimer Dilinoleate Copolymer	Substantive water dispersible silicone polymer, humectant (25,000 mw)	.25 – 4%
ZENESTER® Q	Silicone Polyquaternium 19	Cationic water dispersible silicone polymer, long term conditioner for hair and skin, humectant (30,000 mw)	.25 – 4%



**THE ZENERBET PLATFORM** Zenerbet is a reaction of dimer alcohol, dimer acid and Octyl Dodecanol. This 10,000 molecular weight Guerbet polymer is an excellent barrier product and may be used in hair, skin, sun and color applications. Zenifresh is zenerbet with natural oils.

	INCI NAME	PRIMARY FUNCTION	USE LEVEL
ZENERBET®	Octyl Dodecyl Dimer Dilinoleyl Alcohol/Succinic Acid Copolymer	Emollient, film former, good barrier	.5 – 10%
ZENIFRESH POM®	Octyl Dodecyl Dimer Dilinoleyl Alcohol/Succinic Acid Copolymer and Punica Granatum Seed Oil	Emollient, film former, good barrier	.5 – 10%
ZENIFRESH BLU®	Octyl Dodecyl Dimer Dilinoleyl Alcohol/Succinic Acid Copolymer and Vaccinium Myrtillus Seed Oil	Emollient, film former, good barrier	.5 – 10%
ZENIFRESH ARG®	Octyl Dodecyl Dimer Dilinoleyl Alcohol/Succinic Acid Copolymer, Argania Spinosa Kernel Oil	Emollient, film former, good barrier	.5 – 10%
ZENIFRESH MAC®	Octyl Dodecyl Dimer Dilinoleyl Alcohol/Succinic Acid Copolymer and Macadamia Ternifolia Seed Oil	Emollient, film former, good barrier	.5 – 10%