

Trade Name	Description	
EcoCeramide™ Technology	<p>Proprietary mixtures of Ceramide NP made from diverse fatty acids. Designed to mimic the composition of ceramides in the skin, and stereochemically identical to human Ceramide NP. Contains free phytosphingosine to provide dual activity. Made using an eco-friendly, COSMOS-compliant process.</p> <p>Imparts an immediate effect on the surface of the skin</p> <ul style="list-style-type: none"> • Replenishes skin's physiological lipids • Stabilizes multi-lamellar lipid structure of the skin • Helps repair damaged skin barrier <p>Provides a sustained effect within the stratum corneum</p> <ul style="list-style-type: none"> • Enhances corneocyte maturation • Improved production of Natural Moisturizing Factor • Stimulates <i>de novo</i> synthesis of long-chain ceramides 	<p><u>Applications</u></p> <ul style="list-style-type: none"> • Moisturization products • Skin protection • Barrier repair • Healthy skin <p><u>Available as</u></p> <ul style="list-style-type: none"> • Viscous cream containing 5% Ceramide NP • Paste containing 20% Ceramide NP • Concentrated powder containing 85% Ceramide NP
EcoCeramide™ LCS <i>Recommended use level: 1 – 10%</i>	<p>Blend of natural plant oils used to produce EcoCeramides LCS, LCS 20, and HP LCS:</p> <ul style="list-style-type: none"> • <i>Butyrospermum Parkii</i> (Shea) Butter • <i>Moringa Oleifera</i> Seed Oil • <i>Limnanthes Alba</i> (Meadowfoam) Seed Oil • <i>Macadamia Integrifolia</i> Seed Oil 	5% Ceramide NP Also contains Phytosphingosine, Glycerin, Hydrogenated Lecithin
EcoCeramide™ LCS 20 <i>Recommended use level: 0.25 – 2.5%</i>		20% Ceramide NP Also contains Phytosphingosine and Glycerin
HP EcoCeramide™ LCS <i>Recommended use level: 0.05 – 0.5%</i>		85% Ceramide NP Also contains Phytosphingosine
	Virtually any plant triglyceride (oil) can be used to prepare EcoCeramides. EcoCeramides made from shea butter and argan oil are currently available.	
ProCeramide™ <i>Recommended use level: 5%</i>	<p>Fermentation-derived phytosphingosine in a liposomal vehicle for ease of use.</p> <p>Phytosphingosine has been shown to have multiple roles as an essential modulator of skin barrier homeostasis.</p> <ul style="list-style-type: none"> • Enhances corneocyte maturation, leading to improved production of Natural Moisturizing Factor • Upregulates expression of proteins involved in <i>de novo</i> synthesis of new ceramides, including critical C₂₄ long-chain ceramides • Increases cohesion of stratum corneum, and overall physical strength of the skin barrier 	<p><u>Applications</u></p> <ul style="list-style-type: none"> • Long-term moisturization • Skin protection • Barrier repair • Healthy skin <p>2% phytosphingosine Also contains Water, Lecithin, Butylene Glycol, Lactic Acid, 1,2-Hexanediol</p>