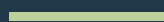




GREEN  
LINE

INGREDIENTS

PRODUCT  
CATALOG



2025





Green Line™ has a range of ingredients to meet the ongoing performance and marketing needs of the natural customer - innovative active ingredients, high-performance emulsifiers, natural antioxidants, and multifunctional ingredients, along with our robust list of stock botanical extracts with industry best lead-times.

Our team is continuing to develop new ingredients that provide our customers with high performance and novel claims in a full range of cosmetic and personal care applications by harnessing the power of plants.







GREENWAX™:  
EMULSIFIERS

EMULSIFYING BLENDS

**GreenWax™ NV2 MB** (GLE- 10130) **Use Level** 3.0-7.0% **HLB:** 10-12  
**INCI:** Polyglyceryl-10 Distearate (and) Cetearyl Alcohol  
**Description:** Biobased, non-ionic, multipurpose, stand-alone O/W emulsifier. Produces a wide range of stable viscosities from fluid to balm-like. A greener choice over traditional ethoxylated emulsifiers.

**GreenWax™ LUX MB** (GLE-10128) **Use Level** 3.0-8.0% **Approximate HLB:** 6-9  
**INCI:** Glyceryl Stearate, Sodium Stearoyl Lactylate, Hydrolyzed Sunflower Seed Wax  
**Description:** Natural, PEG-free emulsifying blend for O/W emulsions with a rich, luxurious texture.

**GreenWax™ WO MB** (GLE-10119) **Use Level** 3.0-8.0% **Approximate HLB:** 4-6  
**INCI:** Glyceryl Oleate, Hydrolyzed Sunflower Seed Wax, Sucrose Polystearate  
**Description:** Versatile, easy-to-use W/O emulsifier blend ideal for natural color cosmetics and skincare. Provides a light, soft texture with minimal drag, creating textures superior to those of conventional W/O emulsions.

O/W EMULSIFIERS

**GreenWax™ GSC POF** (GLE-10120) **Use Level** 1.0-4.0% **HLB:** 10-12  
**INCI:** Glyceryl Stearate Citrate  
**Description:** Sustainably sourced, versatile anionic emulsifier derived from rapeseed oil. Creates emulsions of various viscosities, providing a smooth, silky skin feel with excellent O/W emulsion stability.

**GreenWax™ GOC MB** (GLE-10121) **Use Level** 1.0-4.0% **HLB:** 10-15  
**INCI:** Glyceryl Oleate Citrate  
**Description:** Natural, cold or hot process O/W emulsifier designed for low-viscosity, sprayable formulations. Anionic and PEG-free, ideal for creating lightweight emulsions with a non-tacky skin feel and light body.

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# GREENWAX™: EMULSIFIERS

## W/O EMULSIFIERS

**GreenWax™ PGPR MB (GLE-10122)** **Use Level** 3.0-6.0% **HLB:** 4  
**INCI:** Polyglyceryl-3 Polyricinoleate  
**Description:** Robust, W/O emulsifier ideal for natural baby products and sun care. Creates rich, nourishing textures that soften and protect the skin.

**GreenWax™ SOFT MB (GLE-10123)** **Use Level** 3.0-6.0% **Approximate HLB:** 4  
**INCI:** Polyglyceryl-3 Dioleate  
**Description:** Plant-based W/O emulsifier that produces elegant textures while imparting a soft, smooth touch. Combines the lightness of an O/W with the skin nourishing benefits of a W/O.

## CO-EMULSIFIERS

**GreenWax™ GB MB (GLE-10124)** **Use Level** 1.0-10.0% **Approximate HLB:** 3-4  
**INCI:** Glyceryl Behenate  
**Description:** Natural co-emulsifier and skin conditioning agent that enhances texture and stability in formulations. Provides a smooth, non-greasy finish and helps improve the spread-ability of products.

**GreenWax™ GL MB (GLE-10091)** **Use Level** 0.5-10.0% **Approximate HLB:** 3-5  
**INCI:** Cetearyl Alcohol, Glyceryl Laurate  
**Description:** Co-emulsifier, preservative booster and viscosity enhancer that creates unique, rich textures without negatively impacting the performance of your primary emulsifier.

**GreenWax™ GO MB (GLE-10133)** **Use Level** 1.0-3.0% **Approximate HLB:** 4  
**INCI:** Glyceryl Oleate  
**Description:** Natural co-emulsifier and stabilizer for W/O emulsions. Ideal in combination with GreenWax PGPR MB.



# IMBUE™: EMULSION CONCENTRATES

## Imbue™ Product Line:

A novel emulsion concentrate with a high internal phase developed to create everything from sprayable systems to gel-cream textures with few additional ingredients. 100% biobased, simple cold processing can yield an entire product line including moisturizing cleansers, wipes, toners, serums, lotions, and creams. At 1-5%, Imbue™ helps stabilize emulsions in scale-up without the need for entire re-formulation.

**Imbue™ SF MB (GLE-10099)** **Use Level** 0.5-50%

**INCI:** Water, Carthamus Tinctorius (Safflower) Seed Oil, Glycerin, Polyglyceryl-6-Stearate, Glyceryl Caprylate, Xanthan Gum, Rosmarinus Officinalis (Rosemary) Leaf Extract

**Imbue™ TEC MB (GLE-10103)** **Use Level** 0.5-50%

**INCI:** Water, Triethyl Citrate, Glycerin, Polyglyceryl-6-Stearate, Glyceryl Caprylate, Carthamus Tinctorius (Safflower) Seed Oil, Xanthan Gum, Rosmarinus Officinalis (Rosemary) Leaf Extract

**Imbue™ Shea MB (GLE-10101)** **Use Level** 0.5-50%

**INCI:** Water, Butyrospermum Parkii (Shea) Butter Extract, Glycerin, Polyglyceryl-6-Stearate, Glyceryl Caprylate, Carthamus Tinctorius (Safflower) Seed Oil, Xanthan Gum, Rosmarinus Officinalis (Rosemary) Leaf Extract

**Imbue™ Coconut MB (GLE-10105)** **Use Level** 0.5-50%

**INCI:** Water, Cocos Nucifera (Coconut) Oil, Glycerin, Polyglyceryl-6 Stearate, Glyceryl Caprylate, Carthamus Tinctorius (Safflower) Seed Oil, Xanthan Gum, Rosmarinus Officinalis (Rosemary) Leaf Extract

**Imbue™ JO MB (GLE-10102)** **Use Level** 0.5-50%

**INCI:** Water, Simmondsia Chinensis (Jojoba) Seed Oil, Glycerin, Polyglyceryl-6 Stearate, Glyceryl Caprylate, Xanthan Gum, Carthamus Tinctorius (Safflower) Seed Oil, Rosmarinus Officinalis (Rosemary) Leaf Extract

# GREENSOLV™: SURFACTANTS & SOLUBILIZERS

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## GreenSolv™ 168 MB (GLE-10093) Use Level 1.0-5.0%

**INCI:** Caprylyl/Capryl Glucoside, Polyglyceryl-10-Laurate, Water, Glycerin, Polyglyceryl-10 Oleate

**Description:** A 100% biobased solution used to solubilize essential oils and fragrances in cosmetic formulations. A powerful alternative to synthetics. GreenSolv 168 is a gentle and mild non-ionic surfactant that has shown to be effective in a range of formulations including wipe formulations, and is particularly effective at solubilizing difficult essential oils including fragrances.

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## GreenSolv™ G10L MB (GLE-10094) Use Level 1.0-5.0%

**INCI:** Polyglyceryl-10 Laurate

**Description:** A natural, ethoxylate-free surfactant, solubilizer and co-emulsifier with exceptional skin and eye tolerance. Ideal for gentle, clean beauty formulations.



# GREENGARD™: ANTIMICROBIALS & CHELATION

GreenGard™ L (PATENTED)

Use Level 1.5-2.5%

**INCI:** Water, Arginine, Levulinic Acid

**Description:** 100% biobased, multifunctional ingredient. Strong activity against gram (+) and gram (-) bacteria, works best when paired with an anti-fungal agent. In-vitro testing confirms additional skin benefits including a reduction of TEWL and upregulation of collagen I. Most effective between pH 4.5 and 5.5.

Efficacy spectrum:

gram+	gram-	yeast	mold

GreenGard™ LA (PATENTED)

Use Level 2.0-3.5%

**INCI:** Water, Arginine, Levulinic Acid, P-Anisic Acid

**Description:** 100% biobased broad-spectrum antimicrobial for use in all formulations. Most effective between pH 4.5 and 5.5.

Efficacy spectrum:

gram+	gram-	yeast	mold

GreenGard™ LB (PATENTED)

Use Level 2.0-3.0%

**INCI:** Water, Arginine, Levulinic Acid, Benzoic Acid

**Description:** 100% biobased broad-spectrum antimicrobial for use in all formulations. Most effective between pH 4.5 and 5.5.

Efficacy spectrum:

gram+	gram-	yeast	mold

GreenGard™ A bio (PATENTED)

Use Level 0.7-1.5%

**INCI:** Water, Arginine, P-Anisic Acid

**Description:** Provides skin care benefits with strong fungicidal effects for all formulations. Derives its power from Thai basil, ensuring a 100% biobased, minimally processed form of p-anisic acid. Most effective between pH 4.5-5.5.

Efficacy spectrum:

gram+	gram-	yeast	mold

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# GREENGARD™: ANTIMICROBIALS & CHELATION



**GreenGard™ TBO (GLE-10028)** **Use Level** 1.0-2.0%

**INCI:** Triethyl Citrate, Caprylyl Glycol, Benzoic Acid

**Description:** A broad-spectrum antimicrobial blend that is highly effective against Gram (+) (-) bacteria, and also is effective against yeast and mold.

**GreenGard™ TBG MB (GLE-10092)** **Use Level** 1.0-2.5%

**INCI:** Triethyl Citrate, Glyceryl Caprylate, Benzoic Acid

**Description:** A 100% natural, broad-spectrum, antimicrobial blend that is highly effective against Gram (+) & (-) bacteria and yeast and mold.

**GreenGard™ DEO (GLE-10076)** **Use Level** 0.3-1.0%

**INCI:** Sodium Caproyl/Lauroyl Lactylate, Triethyl Citrate, Salvia Officinalis (Sage) Oil

**Description:** A 100% natural blend of deodorizing and moisturizing emollients. Triethyl Citrate combined with sage oil effectively helps diminish bacteria by cleaving certain esters in sweat and and preventing the release of short chain fatty acids that can produce unpleasant odors.

**GreenGard™ PA (GLE-10068)** **Use Level** 0.05-0.2%

**INCI:** Phytic Acid, Water

**Description:** Natural chelating agent from rice in liquid form and 1:1 disodium EDTA replacement. Forms a biodegradable complex with metal ions. Supplied as pH 1-3.

**GreenGard™ PA3 (GLE-10069)** **Use Level** 0.05-0.2%

**INCI:** Sodium Phytate, Water, Alcohol

**Description:** Natural chelating agent from rice in liquid form and 1:1 disodium EDTA replacement. Forms a biodegradable complex with metal ions. Supplied as pH 2-4.

**GreenGard™ PA12 (GLE-10070)** **Use Level** 0.05-0.2%

**INCI:** Sodium Phytate

**Description:** Natural chelating agent from rice in liquid form and 1:1 tetrasodium EDTA replacement. Forms a biodegradable complex with metal ions. Supplied as pH 11-12.





# RADIGARD™: ANTIOXIDANT PROTECTION

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## Radigard™ Product Line:

Provides a dependable shield against oxidation for various oils and serves as an excellent substitute for soy-based tocopherol. Based on rosemary extract, Radigard™ utilizes an advanced carnosic acid oxidation cascade, this extract adds several layers of protection to the oil phase of any formulation, ensuring that your products will last longer. Radigard™ is a valuable addition to protective body and face oils.

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Radigard™ SN-R (GLE-10052)	Use Level 0.1-1.0%
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INCI: Helianthus Annuus (Sunflower) Seed Oil, Rosmarinus Officinalis (Rosemary) Leaf Extract

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Radigard™ SF-R (GLE-10053)	Use Level 0.1-1.0%
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INCI: Carthamus Tinctorius (Safflower) Seed Oil, Rosmarinus Officinalis (Rosemary) Leaf Extract

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Radigard™ CT-R (GLE-10017)	Use Level 0.1-1.0%
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INCI: Caprylic/Capric Triglyceride, Rosmarinus Officinalis (Rosemary) Leaf Extract

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Organic Radigard™ CO-R (GLE-4234)	Use Level 0.1-1.0%
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INCI: Canola Oil, Rosmarinus Officinalis (Rosemary) Leaf Extract





# ACTIVES

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**Inflamox™ Plus (GLA-11004)****Use Level** 1.0-2.0%

**INCI:** Vaccinium Macrocarpon (Cranberry) Seed Oil, Rosmarinus Officinalis (Rosemary) Leaf Extract, Curcuma Longa (Turmeric) Root Extract, Zingiber Officinale (Ginger) Root Extract

**Description:** A lipophillic, anti-inflammatory active developed with ayurvedic principles. An in-vitro study demonstrated successful downregulation of inflammatory markers IL-6 and TNFa. In a consumer perception study, Inflamox Plus showed greater redness reduction than an untreated control starting at 4 hours but had the greatest effect at 8 hours.

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**Vivify™ Plus (GLA-11006)****Use Level** 1.0-2.0%

**INCI:** Propanediol, Myrothamnus Flabellifolia Leaf/ Stem Extract, Aloe Ferox Leaf Extract

**Description:** A safeguard active for hair and skin featuring sustainably harvested leaves from Myrothamnus Flabellifolia and Aloe ferox sourced from the cape of South Africa. In-vitro scalp test showed a reduction in UV damage by more than 50% in HDPFC.

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**BioFer™ Sugar Kelp (GLA-11007)****Use Level** 1.0-3.0%

**INCI:** Lactobacillus/Sugar Kelp Ferment Filtrate Lysate

**Description:** A skin firming active featuring a ferment of Laminaria Saccharina (Sugar Kelp) with L.plantarum sustainably farmed off the coast of Maine. Ex-vivo testing showed a marked improvement in skin elasticity within 2 hours with sustained improvement up to 8 hours. In-vitro testing validates results by showing a significant increase in collagen I up regulation.

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## NOTES:

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