

# Enabling tomorrow's solutions today

For consumers of beauty and personal care products, the demand grows for more sustainable, clean and safe ingredients for both the environment and people.

Our portfolio of ingredients helps formulators solve the toughest challenges they face as they develop the products that will be in the hand of consumers tomorrow.



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## **HEALTHY SKIN**

As consumers begin to embrace aging gracefully, we help formulators develop skin and hair care products that support the overall health of the skin and hair inside and out. Vantage™ offers a number of ingredients designed to nourish, soothe, clarify, and enhance skin glow while promoting a healthy, renewed skin barrier.



## **Soothing ingredients** | Solutions for soothing sensitivity, persistent dryness, and inflammation

Product name	INCI	Benefits	COSMOS Approved	NOI%	RSP0 MB	Vegan	China
BioSignal™ Lipid 10 MB	Glycerin (and) Phospholipids	Skin-mimetic technology that stimulates the expression of several epidermal proteins known to strengthen the skin barrier, hydrate the skin, and reduce the inflammatory signaling pathways.	•	100%	•	•	•
BP - Botanidew™ NMF	Water (and) Citrullus Lanatus (Watermelon) Fruit Extract (and) Chenopodium Quinoa Seed Extract (and) Urea (and) Sucrose (and) Glycerin (and) Sodium Lactate (and) Sodium PCA	A moisturizing complex that reinforces the primary function of the skin and scalp's NMF.		0%		•	•
BP-MineraQuint Complex ECO	Water (and) Glycerin (and) Saccharomyces Magnesium Ferment (and) Saccharomyces Iron Ferment (and) Saccharomyces Copper Ferment (and) Saccharomyces Silicon Ferment (and) Saccharomyces Zinc Ferment	A mineral-rich ingredient with good skin penet- ration that provides anti-inflammatory properties, decreases stress related factors and improves barrier function.		99%		•	•
BP - Triluronic® Acid	Water (and) Sodium Hyaluronate	A combination of three different molecular weight fractions of natural hyaluronic acid designed to synergistically deploy its anti-aging and moisturizing benefits to the epidermis and dermis.		99%		•	•
Ceramide TIC-001	Ceramide NG	A single optical isomer that improves and soothes dry, flaky skin and reduces transepidermal water loss.		0%		•	•
Distinctive™ Coconut Water CLEAR	Cocos Nucifera (Coconut) Water (and) Glycerin (and) Cocos Nucifera (Coconut) Liquid Endosperm	A cold-processed coconut water with rich invaluable nutrients and anti-oxidants.		100%	•	•	•
Hylasome™ EG10	Sodium Hyaluronate Crosspolymer	Unique cross-linked delivery system with high water-binding capacity resulting in excellent moisturizing abilities.		93 - 95%		•	•
Legume FermBiotic™ G	Water (and) Galactomyces Ferment Filtrate (and) Hydrolyzed Cicer Seed Extract (and) Pueraria Lobata Root Extract (and) Medicago Sativa (Alfalfa) Extract	A hydration-boosting complex obtained through botanicals fermentation.		99%		•	•
Liponate™ Jojoba 20	Jojoba Esters	Delivers ultra-hydrating emollience, add softness, spreadability, and a subtle thickness, while maintaining a quick absorption.	•	100%		•	•
StrataPhix <sup>™</sup> POLY	Water (and) Glycerin (and) Laminaria Digitata Extract (and) Opuntia Ficus-Indica Stem Extract (and) Galactoarabinan (and) Schizophyllan	A complex blend of water-based extracts that can help offer extensive hydration to combat high drying ingredients, such as retinols and AHAs.		99%		•	•

## **Healthy scalp** | Solutions for treating hair & scalp damage

Product name	INCI	Benefits	COSMOS Approved	NOI%	RSP0 MB	Vegan	China
BP - Adenosine Complex	Cyclodextrin (and) Adenosine	A cyclodextrin inclusion complex containing >15% adenosine with an improved delivery system of molecular encapsulation to increase stability, scalp penetration, and solubility.		85%		•	•
BP - MLFruit™ Extract in AQ	Water (and) Vaccinium Myrtillus Fruit Extract (and) Saccharum Officinarum (Sugar Cane) Extract (and) Acer Saccharum (Sugar Maple) Extract (and) Citrus Aurantium Dulcis (Orange) Fruit Extract (and) Citrus Limon (Lemon) Fruit Extract	A natural source of AHAs from botanical extracts that delivers maximum efficacy with minimum irritancy.		99%		•	•
Marine FermBiotic™ L.	Water (and) Lactobacillus Ferment Lysate (and) Spirulina Platensis Extract (and) Laminaria Digitata Extract (and) Ulva Lactuca Extract	An energy-boosting complex designed to balance the scalp through pre and probiotics.		99%		•	•
SC-Help™ Defense	Water (and) Propanediol (and) Citrus Aurantium Dulcis (Orange) Fruit Extract (and) Opuntia Ficus-Indica Fruit Extract (and) Lycium Chinense Fruit Extract (and) Olea Europaea (Olive) Fruit Extract	Helps improve the overall appearance of the hair and combats inflammation and inflammaging of scalp and hair follicles.		100%		•	•

## **Clear skin** | Solutions for combating acne, improving texture, and balancing excess oil

Product name	INCI	Benefits	COSMOS Approved	NOI%	RSP0 MB	Vegan	China
BP - SA Niacinamide Salicylate Complex	Salicylic Acid (and) Niacinamide (and) Polydextrose (and) Dextrin (and) Amylopectin	A unique complex of niacinamide and salicylic acid that is effective in the treatment of acne-prone skin, sensitive skin, and skin with hyperpigmentation.		0%		•	•
BP - Willow Bark Extract	Water & Salix Nigra (Willow) Bark Extract	An aqueous extract that is more gentle than conventional-hydroxy acid and is effective against acne and hyperpigmentation.		99%		•	•
Curcylic™ 40	Cocamidopropyl Dimethylamine (and) Salicylic Acid	A USP-compliant salicylic acid dispersion designed to exfoliate for clearer, smoother, brighter skin. Easily incorporated in alcohol-free and cold-process formulations.		38 - 43%			•
Curoxyl™ 42	Benzoyl Peroxide Gel	USP-compliant gel form of benzoyl peroxide for improved skin feel and enhanced bioavailability, with a unique safety profile for daily acne treatment.		41 - 61%			•

## **Brighten & glow** | Solutions for correcting hyperpigmentation & dullness

Product name	INCI	Benefits	COSMOS Approved		RSP0 MB	Vegan	China
BP - Glucan S	Schizophyllan	An ultra-moisturizing blend of glycerin and beta glucan that supports and repairs the skin barrier for hydrated, glowy skin.		97%		•	•
Illuminate™ EFX	Propanediol (and) Hydroxycinnamic Acid	A safe and highly bioavailable hydroxycinnamic acid for skin brightening.		95%		•	•

## **MICROPLASTIC ALTERNATIVES**

In anticipation of the fast-changing regulatory landscape prohibiting the use of microplastics in leave-on and rinse-off applications, Vantage™ offers several types of chemistry to formulate with more sustainable alternatives. Jojoba derived exfoliants are biodegradable and sustainably manufactured from traceable jojoba oil. Sunsil silicas are optimized to replace the sensory and optical benefits of traditional microplastic sensory powders.



## Microplastic exfoliant alternatives | Solutions for the replacement of microplastic exfoliants

Product name	INCI	Abrasiveness	Particle Size	Shape	Melt Point	Organic	COSMOS Approved	NOI%	Vegan	China	Hallal
Jojoba Scrubeads™ 20/40	Hydrogenated Castor Oil (and) Hydrogenated Jojoba Oil	Soft/Mild	425 - 850 um	Spherical	82-90°C		•	100%	•	•	•
Jojoba Scrubeads™ 40/60	Hydrogenated Castor Oil (and) Hydrogenated Jojoba Oil	Soft/Mild	250 - 425 um	Spherical	82-90°C		•	100%	•	•	•
Jojoba Scrubeads™ 60/100	Hydrogenated Castor Oil (and) Hydrogenated Jojoba Oil	Soft/Mild	150 - 250 um	Spherical	82-90°C		•	100%	•	•	•
Jojoba Spheres™ 20/40	Hydrogenated Jojoba Oil	Soft/Mild	425 - 850 um	Spherical	68-72°C		•	100%	•	•	•
Jojoba Spheres™ 40/60	Hydrogenated Jojoba Oil	Soft/Mild	250 - 425 um	Spherical	68-72°C		•	100%	•	•	•
Jojoba Spheres™ 60/100	Hydrogenated Jojoba Oil	Soft/Mild	150 - 250 um	Spherical	68-72°C		•	100%	•	•	•
OFJ™ Spheres 20/40	Jojoba Esters	Soft/Mild	425 - 850 um	Spherical	66-70°C		•	100%	•	•	•
OFJ™ Spheres 40/60	Jojoba Esters	Soft/Mild	250 - 425 um	Spherical	66-70°C		•	100%	•	•	•
PFJ™-S Beads 20/40	Stearyl Behenate (and) Jojoba Esters	Mild/Moderate	425 - 850 um	Spherical	63-70°C			100%	•	•	•
PFJ™-S Beads 40/60	Stearyl Behenate (and) Jojoba Esters	Mild/Moderate	250 - 425 um	Spherical	63-70°C			100%	•	•	•
PFJ™-S Beads 60/100	Stearyl Behenate (and) Jojoba Esters	Mild/Moderate	150 - 250 um	Spherical	63-70°C			100%	•	•	•

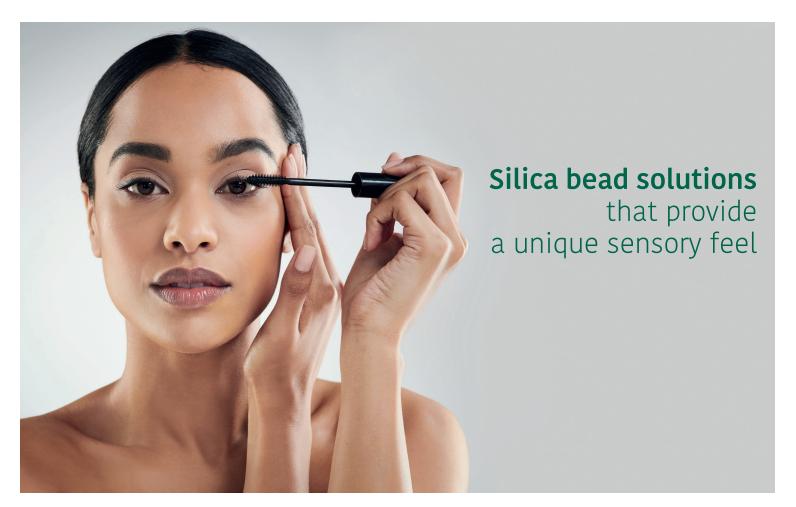
<sup>\*</sup>Jojoba Exfoliants are available in white by standard, with green, blue, black, and red variants for select varieties. Please contact your Vantage<sup>TM</sup> representative for more details.

Lipo™ VI 40/60	Phytelephas Aequatorialis Seed Powder	Moderate/Hard	200 - 500 um	Irregular			•	•	
Lipo™ VI 60/100	Phytelephas Aequatorialis Seed Powder	Moderate/Hard	50 - 250 um	Irregular			•	•	

## **Microplastic powder alternatives** | Solutions for the replacement of microplastic powders

Product name	INCI	Particle Size	COSMOS Approved	NOI%	Vegan	China
SUNSIL-130NP*	Silica	7um		100%	•	•
SUNSIL-SILK*	Silica (and) Trihydroxystearin	7um	•	100%	•	•
SUNSIL-SOFT*	Silica (and) Trihydroxystearin (and) Macadamia Integrifolia/Tetraphylla Seed Oil	7um	•	100%	•	•

<sup>\*</sup> Distributed by Vantage™ in North America and Latin America.



## **SILICONE ALTERNATIVES**

The Jeechem® range of natural alkanes is a powerful toolbox for formulators looking at replacing a wide range of silicones in their formulations. The OleoSil™ range of hybrid silicone and natural alkanes combines the high performance of silicones with the high naturality index of natural alkanes to increase the overall Natural Origin Index (ISO16128) of your formulations.



## **Natural silicone alternatives** | Solutions for the replacement of volatile silicones

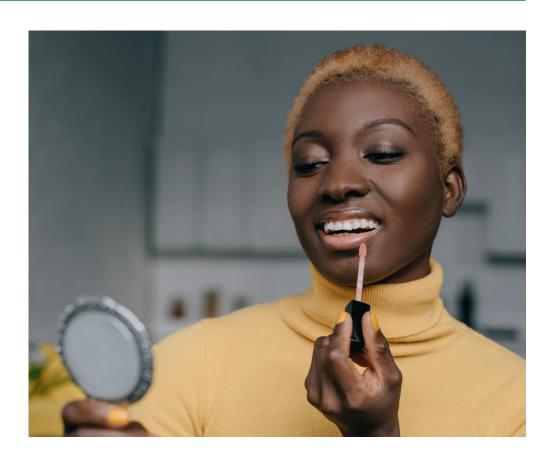
Product name	INCI	Benefits	COSMOS Approved	NOI%	RSP0 MB	Vegan	China
Jeechem® NDA-5	C15-19 Alkane	A great natural alternative to D5 with an exceptional match in slip, drying time, residue, dry skin feel, and shine.	•	100%	•	•	•
Jeechem® NDA-CC	C13-14 Alkane	A natural replacement for volatile hydrocarbons with incidental shine, fast drying time, and slight residue.	•	100%	•	•	•
Jeechem® NDA-HC	C18-21 Alkane	A natural replacement for silicones with low shine, moderate drying time, and soft residue.	•	100%	•	•	•
Jeechem® NDA-LC	C9-12 Alkane	A natural replacement for volatile hydrocarbons with incidental shine, immediate drying time, and no residue.	•	100%	•	•	•
Liponate™ CCC MB	Coco Caprylate/Caprate	A great silicone oil alternative with good slip, very smooth, lightweight, and fast absorbing.	•	100%	•	•	•

## **Natural silicone hybrids** | Solutions for silicones hybrids with high naturality index

Product name	INCI	Benefits	NOI%	Vegan	China
OleoSil™ CC	C13-14 Alkane (and) Dimethicone Crosspolymer-3	Unique elastomeric silicone polymers reacted with naturally-derived oleochemical alkanes that add smoothness, slip, and softness to formulations along with extra cushion. Can also blur texture while mattifying oiliness.	90%	•	•
OleoSil™ LC	C9-12 Alkane (and) Dimethicone Crosspolymer-3	Unique elastomeric silicone polymers reacted with naturally-derived oleochemical alkanes that add smoothness, slip, and softness to formulations while remaining lightweight. Can also blur texture while mattifying oiliness.	90%	•	•

## **MINERAL OIL ALTERNATIVES**

The Lipovol™ MOS range of esters are optimized to replace a wide range of mineral grade oils.



## **Mineral oil alternatives** | Solutions for the replacement of mineral oil

Product name	INCI	Benefits	NOI%	RSP0 MB	Vegan	China
Lipovol™ MOS-70	Tridecyl Stearate (and) Neopentyl Glycol Di- caprylate/Dicaprate (and) Tridecyl Trimellitate	A mineral oil alternative that is lightweight, non-oily, absorbs quickly, and exhibits a silky, dry feel with low gloss.	59%	•	•	•
Lipovol™ MOS-130	Tridecyl Stearate (and) Tridecyl Trimellitate (and) Dipentaerythrityl Hexacaprylate/Hexacaprate	A mineral oil alternative that is medium weight, good slip, a velvety, cushiony feel, and good gloss. Suitable for oil-free formulations.	33 - 39%	•	•	•
Lipovol™ MOS-350	Dipentaerythrityl Hexacaprylate/Hexacaprate (and) Tridecyl Trimellitate (and) Tridecyl Stearate (and) Neopentyl Glycol Dicaprylate/Dicaprate	A mineral oil alternative that is heavy weight, good slip, slight drag, a velvety feel with high cushion, and high gloss. Suitable as an oil-free castor oil replacement.	38%	•	•	•

## **SULFATE ALTERNATIVES**

The Metaupon™ range of taurate surfactants allow the formulation of sulfate-free products that demonstrate high foaming and create a delightful lather that impart a luxurious and premium feel to rinse-off products. Taurate surfactants are extremely mild, work in a broad range of pH, and even in presence of high oil concentration, making them ideal for face washes and shampoos.



## **Sulfate alternatives** | Solutions for mild, sulfate-free cleansers and shampoos

Product name	INCI	Benefits	NOI%	RSP0 MB	Vegan	China
Metaupon™ KMT 30 MB	Sodium Methyl Cocoyl Taurate	A sulfate-free, high performance foam enhancer for rich, dense foam. Comes in a paste form recommended for use in shampoo formulations and sensorially-differentiated facial cleansers.	86 - 87%	•	•	•
Metaupon™ OMT 40 MB	Sodium Methyl Oleoyl Taurate	A sulfate-free, high performance foam enhancer for rich, dense foam. Comes in a paste form recommended for use in solid formulations.	84 - 86%	•	•	•
Metaupon™ OMT Solid MB	Sodium Methyl Oleoyl Taurate	A sulfate-free, high performance foam enhancer for rich, dense foam. Comes in a powder form recommended for use in solid formulations.	70 - 73%	•	•	•

## **UPCYCLED INGREDIENTS**

Upcycled and zero-waste ingredients are recognized by consumers for their positive environmental impact as they allow the agriculture and food industry to find new ways to upcycle downstream by-products. Natural oils can be extracted from seeds, pits or husks that otherwise would be discarded as waste. Similarly, active botanical extracts can be extracted to create high-efficacy skin and hair actives.



## **Upcycled ingredients** | Solutions for meeting the demand of zero-waste and upcycled ingredients

Product name	INCI	Benefits	COSMOS Approved	NOI%	Vegan	China	Hallal
Jojoba Pro™-N	Hydrolyzed Jojoba Protein	Provides a semi-permeable film in hair care formulations to repair damaged hair and retain moisture in the shaft, improving manageability.	•	100%	•	•	•
Mucosave™ CG*	Opuntia ficus-indica stem extract, Olea Europea (Olive) leaf extract, Maltodextrin	Delivers calming and anti-inflammatory activity.		100%	•	•	
Opuntia Biocomplex™ SH*	Opuntia Ficus-Indica Extract (and) Maltodextrin	Anti-inflammatory scalp protection that improves skin barrier function and protects from surfactant-related irritation.		100%	•	•	
Renegrape™*	Vitis Vinifera (Grape) juice extract	Stimulates cell turnover, offers gentle exfoliation, making it ideal for sensitive skin.		100%	•	•	

<sup>\*</sup> Only available in North America

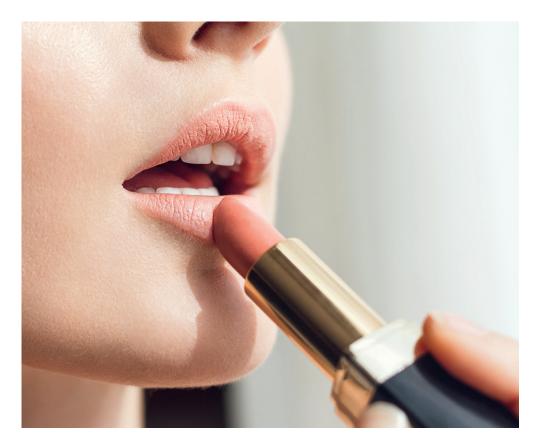
## **Upcycled natural oils** | Solutions for meeting the demand of zero-waste and upcycled natural oils

Product name	INCI	Benefits	NOI%	Vegan	China	Hallal
Apricot Kernel Oil	Prunus Armeniaca (Apricot) Kernel Oil	Contains a high fatty acid composition, minimal color level, and is virtually odorless.	100%	•	•	•
Grapeseed Oil	Vitis Vinifera (Grape) Seed Oil	High in linoleic acid (Omega-6) and suitable for all skin types.	0%	•	•	•
Olive Squalane	Squalane	Provides lightweight moisturization.	100%	•	•	•
Pomegranate Oil	Punica granatum (Pomegranate) Seed Oil	Soothes sensitivity, heals damaged skin, and provides anti-aging benefits.	100%	•	•	•
Rice Bran Oil Refined	Oryza Sativa (Rice) Bran Oil	Protects skin and provides anti-aging benefits.	100%	•	•	•
Rosehip Oil Refined	Rosa Canina (Rosehip) Seed Oil	Brightens and heals damaged skin.	0%	•	•	•

## **SOLID FORMULATIONS**

The popularity of solid and waterless formats is growing rapidly among consumers. These formats are perceived as more convenient, more sustainable and more potent due to the absence of water that could be perceived as diluting the efficacy of the product.

Jojoba Esters-70 is an excellent example of a vegan, sustainably produced and natural ingredient that helps to build the structural integrity of such formulations while contributing to a delightful sensory experience.



## **Solid formulations** | Solutions for improving the structure, glide, and feel of waterless formulations

Product name	INCI	Benefits	COSMOS Approved	NOI%	RSP0 MB	Vegan	China	Hallal
Jeenate® 2SW	Synthetic Wax	Provides enhanced film formation, improves hardness and structure of stick formulations. Melting point of 50-62°C.		0%		•	•	
Jeenate® 3SW	Synthetic Wax	Provides enhanced film formation, improves hardness and structure of stick formulations. Melting point of 66-73°C.		0%		•	•	
Jeenate® 4SW	Synthetic Wax	Provides enhanced film formation, improves hardness and structure of stick formulations. Melting point of 75-89°C.		0%		•	•	
Jeenate® 5SW	Synthetic Wax	Provides enhanced film formation, improves hardness and structure of stick formulations. Melting point of 82-94°C.		0%		•	•	
Jeenate® 6SW	Synthetic Wax	Provides enhanced film formation, improves hardness and structure of stick formulations. Melting point of 90.5-107°C.		0%		•	•	
Jojoba Esters-70	Jojoba Esters	Emulsion thickening & anhydrous stick structure. 66-70°C melting point.	•	100%		•	•	•
Lipovol™ GTB	Tribehenin	Imparts rich and cushiony feel while adding structure to stick products. 60-65°C melting point.		100%		•	•	•
MLB*	Polyglyceryl-4 Isostearate (and) Coco-Caprylate/Caprate (and) Disteardimonium Hectorite (and) Polyglyceryl-3 Polyricinoleate &Sorbitan Isostearate	Strong emulsifying gel to facilitate high water content in stick formulas. Provides a water-releasing effect.		99%	•	•	•	

<sup>\*</sup> This Sunjin product is distributed by Vantage™ in North America and Latin America only

## **COLD-PROCESS & LOW ENERGY FORMULATION**

In order to help brands meet their ambitious goals for carbon emission reduction, Vantage™ has developed the Jeesperse® range of self-emulsifying waxes. These optimized systems reduce the need for excessive heating during the formulation process, while also significantly reducing the complexity for the entire process, leading to more being done, in less time, for less money, and with less energy.



## **No/Low energy emulsifiers** | Solutions for reducing manufacturing carbon-footprint

Product name	INCI	Benefits	NOI%	Vegan	China
Jeesperse® NoLo-C2	Behentrimonium Chloride, Cetearyl Alcohol Polyquaternium 37, Cetyl Alcohol, Vitis Vinifera (Grape) Seed Oil, Caprylyl Glycol, Glyceryl Laurate, Glyceryl Undecylenate, Guar Hydroxypropyltrimonium Chloride	Save more energy with a cationic, patented, groundbreaking technology that completely reinvents the emulsification process. Instant cold emulsion that includes both emulsifiers and colloids with no ethoxylates/ PEGs required.	70%	•	•
Jeesperse® NoLo-N1	Behentrimonium Chloride, Cetearyl Alcohol, Hydroxypropyl Guar, Cetyl Alcohol, Vitis Vinifera (Grape) Seed Oil, Caprylyl Glycol, Glyceryl Laurate, Glyceryl Undecylenate, Guar Hydroxypropyltrimonium Chloride	Save more energy with a non-ionic, patented, groundbreaking technology that completely reinvents the emulsification process. Instant cold emulsion that includes both emulsifiers and colloids with no ethoxylates/PEGs required.	90%	•	•

## **Conditioning systems** | Solutions for optimized emulsifiers to treat dry, damaged, or overprocessed hair

Product name	INCI	Benefits	NOI%	Vegan	China
Jeequat® NDCS Powder	Cetyl Alcohol (and) Behentrimonium Chloride (and) Cocamidopropyl Betaine (and) Sorbitan Laurate	Cold process, ready-to-use, granular powder that serves as an economical conditioner concentrate for skin and hair care. Delivers high viscosity and conditioning with exceptional suspension and emulsion stabilizing properties.	90%	•	•
Jeesperse® OptiTress™	Cetearyl Alcohol (and) Behentrimonium Chloride (and) Guar Hydroxypropyltrimonium Chloride (and) Stearamidopropyl Dimethylamine (and) Argania Spinosa Kernel Oil (and) Cocos Nucifera (Coconut) Oil (and) Citric Acid (and) Cetearyl Glucoside	Cationic, optimized powder emulsifier designed to treat dry, damaged, brittle, colored and/or overprocessed hair with split ends.	90%	•	•

## **Instant cold emulsion technology** | Solutions for heatless formulating to modify sensoriality

Product name	INCI	Benefits	NOI%	Vegan	China
Jeesperse® CPW®-2	Polyethylene (and) Sodium Polyacrylate	A cold-process wax that improves stability, hydrates quickly, and amplifies the texture and feel of your product. Ideal for skin care applications.	0%	•	•
Jeesperse® CPW®-BC	Theobroma Cacao (Cocoa) Seed Butter, Beeswax, Sodium Polyacrylate	A cold-process wax that improves stability, hydrates quickly, and amplifies the texture and feel of your product.	70%	•	•
Jeesperse® CPW®-GCS	Cetearyl Alcohol, Stearic Acid, Glyceryl Stearate, PEG-100 Stearate, Sodium Polyacrylate	A cold-process, anionic, patented, groundbreaking technology that completely reinvents the emulsification process.	85%	•	•
Jeesperse® CPW®-S	Helianthus Annuus (Sunflower) Seed Wax (and) Sodium Polyacrylate	A cold-process, anionic, patented, groundbreaking technology that completely reinvents the emulsification process.	70%	•	•
Jeesperse® ICE-T®-C-PANT	Hydroxypropyl Guar (and) Cetyl Alcohol (and) Behenyltrimo- nium Chloride (and) Stearamidopropyl Dimethylamine (and) Stearyl Alcohol (and) Cetearyl Alcohol (and) Polysorbate 60 (and) Glyceryl Stearate	Instant cold emulsion technology that includes both emulsifiers and colloids while completely reinventing the emulsification process. Ideal for hair care applications.	85%	•	•
Jeesperse® ICE-T®-CPCS	Cetearyl Alcohol (and) Behentrimonium Chloride (and) Polyquaternium-37	Instant cold emulsion technology that includes both emulsifiers and colloids while completely reinventing the emulsification process. This cationic, multi-functional, free-flowing powder is engineered to be used as a sensory-modifying emulsifier or as an innovative auxiliary co-treatment product.	80%	•	•
Jeesperse® ICE-T®-LB-T-NS	Sodium Acrylate/Sodium Acrylol Dimethyl Taurate Copolymer (and) Cetyl Alcohol (and) Glycol Stearate (and) Glyceryl Stearate (and) Caprylic/Capric Triglyceride	Instant cold emulsion technology that includes both emulsifiers and colloids while completely reinventing the emulsification process. Ideal for skin care applications.	70%	•	•

## **Micro-droplet emulsions** | Solutions for ultra thin milk formulations

Product name	INCI	Benefits	NOI%	RSPO MB	Vegan	China
Coconut-Avocado Hair Milk	Water (and) Cocos Nucifera (Coconut) Oil (and) Persea Gratissima (Avocado) Oil (and) Propanediol (and) Glyceryl Stearate (and) Phospholipids (and) Cocos Nucifera (Coconut) Liquid Endosperm (and) Cocos Nucifera (Coconut) Fruit Juice (and) Polyglyceryl-10 Oleate (and) Polyglyceryl-10 Dioleate (and) Cetearyl Alcohol (and) Sodium Stearoyl Lactylate (and) Glycerin	A bio-mimetic complex that leverages the emolliency of coconut oil, coconut water, and avocado oil into the nourishing structure of milk to enhance shine, frizz and overall appearance of the hair.	100%		•	•
Desert Milk™	Water (and) Simmondsia Chinensis (Jojoba) Seed Oil (and) Adansonia Digitata Seed Oil (and) Citrullus Lanatus (Watermelon) Seed Oil (and) Propanediol (and) Aloe Barbadensis Leaf Juice (and) Phospholipids (and) Adansonia Digitata Fruit Extract (and) Glycerin (and) Sodium Hyaluronate (and) Xanthan Gum	A bio-mimetic complex inspired by desert botanicals for intense skin hydration.	100%		•	•
Distinctive <sup>™</sup> Coconut Water CLEAR	Cocos Nucifera (Coconut) Water (and) Glycerin (and) Cocos Nucifera (Coconut) Liquid Endosperm	A cold-processed coconut water with rich invaluable nutrients and anti-oxidants.	100%	•	•	•
DW Jojoba Milk	Water (and) Simmondsia Chinensis (Jojoba) Seed Oil (and) Propanediol (and) Phospholipids (and) Glycerin (and) Sodium Hyaluronate (and) Xanthan Gum	An innovative, white, low viscosity liquid with a lightweight, elegant feel. Quickly reduces shine with its fast absorbing capabilities.	100%		•	•

## **Pre-dispersed active ingredients** | Solutions for easy active solubilization

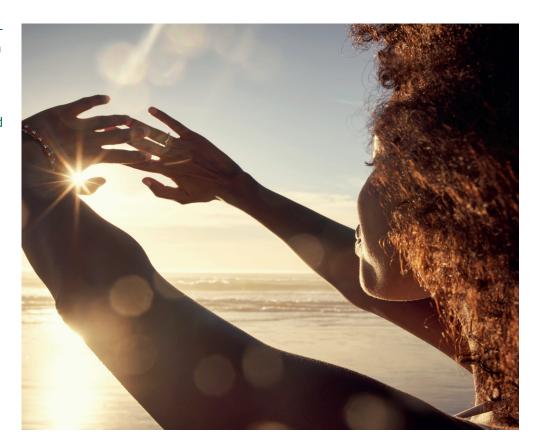
Product name	INCI	Benefits	COSMOS Approved	NOI%	RSP0 MB	Vegan	China
BioSignal™ Lipid 10 MB	Glycerin (and) Phospholipids	Skin-mimetic technology that stimulates the expression of several epidermal proteins known to strengthen the skin barrier, hydrate the skin, and reduce the inflammatory signaling pathways.	•	100%	•	•	•
Ceraplex Mix	Disteardimonium Hectorite (and) Polyglyceryl-4 Isostearate (and) Caprylic/Capric Triglyceride (and) Hydroxypropyl BispalmitamideMEA (and) Cholesterol (and) Stearic Acid (and) CeramideNP	An active ingredient delivery system for W/O emulsion which usually includes oil & water non-soluble active ingredients such as ceramides, madecasoside, etc.		89%	•	•	•
Ceraplex Mix AQUA	DisteardimoniumHectorite (and) Polyglyceryl-10 Stearate (and) Caprylic/Capric Triglyceride (and) Hydroxypropyl BispalmitamideMEA (and) CeramideNP (and) Phytosterol (and) Stearic Acid	A ceramide delivery system for 0/W emulsion that is more stable than liposome-based technologies as 2-D Hectorite plates provide more physical strength to interface layers of emulsion droplets.		89%	•	•	•
Curcylic™ 40	Cocamidopropyl Dimethylamine (and) Salicylic Acid	A USP-compliant salicylic acid dispersion designed to exfoliate for clearer, smoother, brighter skin. Easily incorporated in alcohol-free and cold-process formulations.		40%		•	•
Curoxyl™ 42	Benzoyl Peroxide Gel	USP-compliant gel form of benzoyl peroxide for improved skin feel and enhanced bioavailability, with a unique safety profile for daily acne treatment.		41 - 61%		•	•
Illuminate™ EFX	Propanediol (and) Hydroxycinnamic Acid	A safe and highly bioavailable hydroxycinnamic acid for skin brightening.		95%		•	•



## **OCEAN FRIENDLY SUNCARE**

Mineral sun filters have grown in popularity with consumers due to their high safety profile for the ocean, reefs, and their endocrine-disruptor free profile.

The Sunjin range of titanium dioxide and zinc oxide sun filters offers a diversity of options to formulators, from surface-treated powders to high concentration dispersions, available in nano or nonnano grades.



## **Mineral suncare** | Solutions for addressing reef-safe sun protection concerns

Product name	INCI	Particle Size	Key Benefits	COSMOS Approved	NOI%	RSP0 MB	Vegan	China
SUNSIL-TIN50AS*	Silica (and) Titanium Dioxide (and) Triethoxy Caprylylsilane	2-7um	TiO2 encapsulated in a silica bead to boost SPF.		92%		•	•
SUNZNO-200AS*	Zinc Oxide (and) Triethoxy Caprylylsilane	200nm	Non-nano ZnO		95%		•	•
SUNZNO-200SA*	Zinc Oxide (and) Stearic Acid	200nm	Non-nano ZnO		100%		•	•
SUNZNO-AS*	Zinc Oxide (and) Triethoxycaprylylsilane	105nm	Non-nano ZnO		97%		•	•
SUNZNO-NAS*	Zinc Oxide (and) Triethoxycaprylylsilane	30nm	Nano ZnO		97%		•	•
SUNZNO-OLEO 200*	Zinc Oxide (and) Cetyl Alcohol	200nm	Non-nano ZnO	•	100%	•	•	•
SUNZNO-SA*	Zinc Oxide (and) Stearic Acid	150um	Non-nano ZnO	•	100%	•	•	•
T-80*	Titanium Dioxide (and) Silica	350 to 1000nm	Non-nano TiO2	•	100%		•	•
T-80AS*	Titanium Dioxide (and) Silica (and) Triethoxy Caprylylsilane	350 to 1000nm	Non-nano TiO2		97%		•	•
T-80JJ*	Titanium Dioxide (and) Silica (and) Jojoba Esters	350 to 1000nm	Non-nano TiO2	•	100%		•	•
T-80LL*	Titanium Dioxide (and) Silica (and) Lauroyl Lysine	350 to 1000nm	Non-nano TiO2	•	100%		•	•
T-80SA*	Titanium Dioxide (and) Silica (and) Stearic Acid	350 to 1000nm	Non-nano TiO2	•	100%		•	•
TX-85*	Titanium Dioxide (and) Silica	30nm	Nano TiO2		98%		•	•
TX-85 AQ*	Titanium Dioxide (and) Silica (and) Dimethicone	50nm	Nano TiO2		98%		•	•

<sup>\*</sup> These Sunjin products are distributed by Vantage<sup>TM</sup> in North America and Latin America only

## TRACEABLE SENSORIAL INGREDIENTS

Consumers expect more than visible results from their beauty products. They want sustainability and a delightful sensory experience. SenseID™ brings together the expertise of Vantage™ with jojoba derivatives and formulations in a cohesive platform that offers natural and sensorial solutions. These solutions are used to change the sensorial characteristics of formulations to hint at their efficacy, contributing to consumers' satisfaction and repeated purchase.

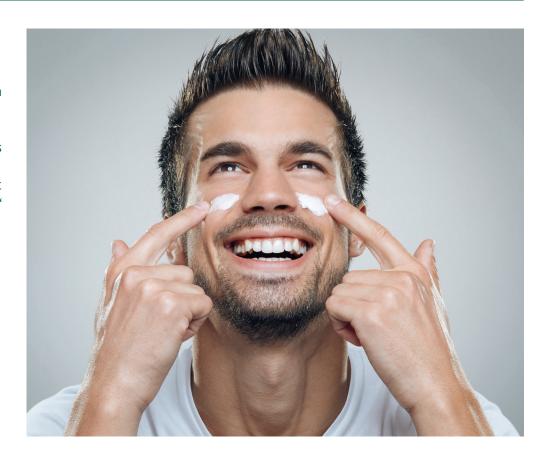


## $\textbf{SenseID}^{\text{\tiny{TM}}} \mid \text{Solutions for traceability, sustainability, and sensoriality}$

Product name	INCI	Benefits	COSMOS Approved	NOI%	Vegan	China	Hallal
Iso Jojoba™-35	Simmondsia Chinensis (Jojoba) Butter	Melts at 34-38°C. Luxurious feel, thin film formation.	•	100%	•	•	
Iso Jojoba™-50	Simmondsia Chinensis (Jojoba) Butter	Melts at 48-52°C. Soft buttery texture; increases feel of protection.	•	100%	•	•	
Jojoba Aqua™ 120	Jojoba Wax PEG-120 Esters	Combines jojoba oil and polyglycols to create a highly sensorial humectant and co-surfactant that creates thicker and denser foam. Water-soluble in hot and cold-processes.		100%	•	•	
Jojoba Esters-15	Jojoba Esters	Delivers a lightweight, smooth, elegant skin feel while enhancing the performance and functionality of cosmetic products.	•	100%	•	•	
Jojoba Esters-70	Jojoba Esters	Emulsion thickening and anhydrous stick structuring agent with a 66-70°C melting point.	•	100%	•	•	•
Liponate™ Jojoba 20	Jojoba Esters	Transforms the sensorial profile of formulations to deliver ultra-hydrating emollience, add softness, spreadability, and a subtle thickness, while maintaining a quick absorption.	•	100%	•	•	
Liponate™ Jojoba NatFilm	Hydrolyzed Jojoba Esters (and) Jojoba Esters (and) Water	Film-forming agent with a glycerin-boosting effect that imparts slip and emolliency. Adds moisturization, softening, and conditioning to formulations.	•	100%	•	•	

## **MICROBIAL PROTECTION**

Microbial protection is a key factor in designing safe and reliable beauty products. Formulators are faced with growing challenges to meet the "clean beauty" expectations of consumers with the need for strong and efficaceous preservation. Vantage™ offers its Jeecide® range of microbial protection to empower formulators with different solutions aligned with their consumers' expectations.



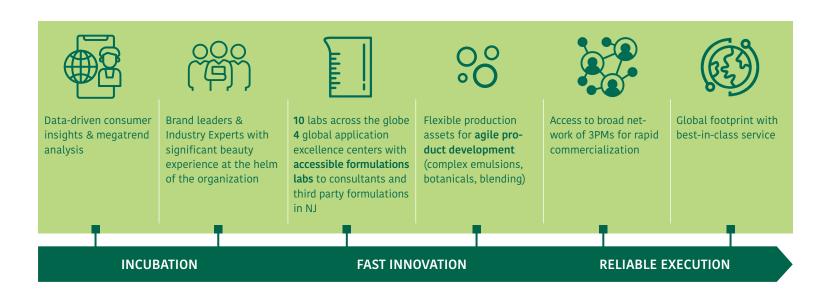
## **Microbial protection** | Solutions for preserving clean formulations

Product name	INCI	Benefits	Vegan	China
Jeecide® AA	Benzyl Alcohol (and) Benzoic Acid (and) Sorbic Acid	An optimally blended, broad spectrum, anti-microbial agent formulated to meet the preservation needs of personal care formulations. Jeecide® AA's balanced ratio enables it to function as an effective preservative blend across a range of formulations that widely vary in pH levels.	•	•
Jeecide® CAP-5	Phenoxyethanol (and) Caprylyl Glycol (and) Potassium Sorbate (and) Water (and) Hexylene Glycol	An easy-to-use, clear, liquid preservative that is both free of parabens and formaldehyde donors. With broad spectrum capabilities, Jeecide® CAP-5 is powerful and especially effective in difficult to preserve water/silicone emulsions.	•	•
Jeecide® CAP-7	Caprylyl Glycol (and) Glyceryl Laurate (and) Glyceryl Undecylenate	Easy to use liquid blend antimicrobial. Can be used alone, or in conjunction with traditional preservatives to boost their efficacy. Free of phenoxyethanol, parabens, MITs, and formaldehyde releasers.	•	•

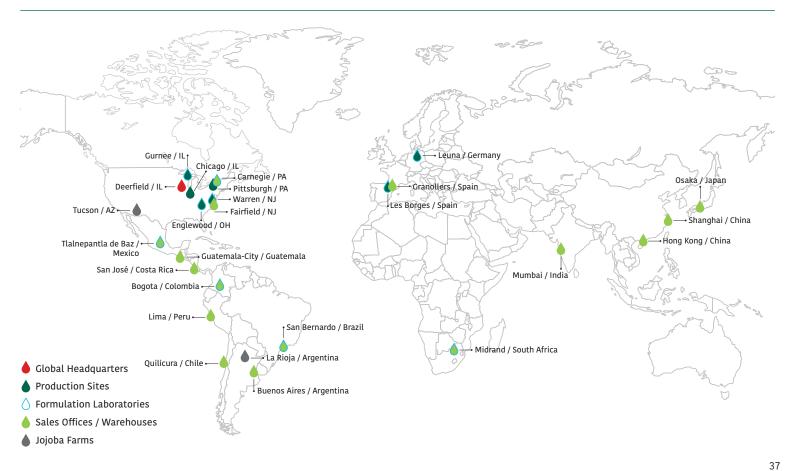
## **HOW VANTAGE™ SUPPORTS YOU**

**Spark Innovation™** is a consumer insight-driven portfolio of pre-formulated technologies designed to accelerate innovation and speed to market. With fewer failures in the product development process and guaranteed results, our Spark Innovation will allow you to win disproportionate market share.





## **OUR SITES**



## **MANUFACTURING CAPABILITIES**

Thanks to our world class manufacturing capabilities, we deliver unique and custom formulations to our customers.



World's most efficient glycerin and fatty acid operations.

Chicago, IL

Glycerin and fatty acids



Flexible batch manufacturer of surfactants and surface treatment solutions.

Gurnee, IL

Esters and surfactants



Rapid product development and botanical extracts customization.

Fairfield, NJ

Botanical extraction and formulation



GMP encapsulation and delivery system plant.

Engelwood, OH

GMP encapsulation and delivery systems



Global producer of taurates, isethionates and nonionic surfactants.

Leuna, Germany

Esters and surfactants



Natural oil extraction, formulation and sourcing capabilities

Barcelona, Spain

Natural oil extraction and formulation



World's largest jojoba oil and derivatives manufacturer in two hemispheres.

USA & Argentina

Jojoba farms and oil extraction

## **&**Vantage

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