

## Emulsifiers and Solubilizers

<u>Product Name</u>	<u>INCI Name</u>	<u>Use</u>
Protachem SML	Sorbitan Laurate	Emulsifier
Protachem SMO	Sorbitan Oleate	Emulsifier
Protachem SMP	Sorbitan Palmitate	Emulsifier
Protachem SMS	Sorbitan Stearate	Emulsifier
Protachem SOC	Sorbitan Sesquioleate	Emulsifier
Protachem STO V	Sorbitan Trioleate	Emulsifier
Protachem STS	Sorbitan Tristearate	Emulsifier
Protasorb L-20 NF & K	Polysorbate 20	Emulsifier
Protasorb S-20 NF & K	Polysorbate 60	Emulsifier
Protasorb O-20 NF & K	Polysorbate 80	Emulsifier
Procol LA-4	Laureth-4	Emulsifier & Solubilizer
Procol LA-7	Laureth-7	Emulsifier & Solubilizer
Procol LA-12	Laureth-12	Emulsifier & Solubilizer
Procol LA-23	Laureth-23	Emulsifier & Solubilizer
Procol OA-2	Oleth-2	Emulsifier & Solubilizer
Procol OA-5	Oleth-5	Emulsifier & Solubilizer
Procol OA-10	Oleth-10	Emulsifier & Solubilizer
Procol OA-20	Oleth-20	Emulsifier & Solubilizer
Procol SA-2	Steareth-2	Emulsifier & Solubilizer
Procol SA-20	Steareth-20	Emulsifier & Solubilizer
Procol SA-21	Steareth-21	Emulsifier & Solubilizer
Procol CS-5	Ceteareth-5	Emulsifier & Solubilizer
Procol CS-15	Ceteareth-15	Emulsifier & Solubilizer
Procol CS-20	Ceteareth-20	Emulsifier & Solubilizer
Procol CS-30	Ceteareth-30	Emulsifier & Solubilizer
Procol EB	Cetearyl Alcohol& Glyceryl Stearate & Glycol Stearate & TEA Stearate	O/W Nonionic Emulsifier, emulsifies 3 times weight of water
Procol CA-2	Ceteth-2	Emulsifier & Solubilizer
Procol CA-10	Ceteth-10	Emulsifier & Solubilizer
Procol CA-20	Ceteth-20	Emulsifier & Solubilizer
Procol PSA-11	PPG-11 Stearyl Ether	Emulsifier & Solubilizer
Procol PSA-15	PPG-15 Stearyl Ether	Emulsifier & Solubilizer
Procol PCA-10	PPG-10 Cetyl Ether	Emulsifier & Solubilizer

Procol P	Cetearyl Alcohol (and) Polysorbate 60 (and) PEG 150-Stearate (and) Steareth-20	Emulsifier & Solubilizer
Procol CS-20-D	Cetearyl Alcohol (and) Cetareth-20	Emulsifier & Solubilizer
Procol ST-20-G	Stearyl Alcohol (and) Cetareth-20	Emulsifier & Solubilizer
Procol IS-20	Isosteareth-20	Emulsifier & Solubilizer
Protamate 200-OC	PEG-4 Oleate	Emulsifier
Protamate 200-DPS	PEG-4 Stearate	Emulsifier
Protamate 300 DPS	PEG-6 Stearate	Emulsifier
Protamate 400 DPS	PEG-8 Stearate	Emulsifier
Protamate 600 DPS	PEG-12 Stearate	Emulsifier
Protamate 1540 DPS	PEG-40 Stearate	Emulsifier
Protamate 2000 DPS	PEG-40 Stearate	Emulsifier
Protamate 4400 DPS	PEG-100 Stearate	Emulsifier
Protamate 200 ML	PEG-4 Laurate	Emulsifier
Protamate 400 ML	PEG-8 Laurate	Emulsifier
Protamate 600 ML	PEG-15 Laurate	Emulsifier
Protamate 400 DO	PEG-8 Dioleate	Emulsifier
Protamate 200 DS	PEG-4 Distearate	Emulsifier
Protamate 400 DS	PEG-8 Distearate	Emulsifier
Protamate 600 DS	PEG-12 Distearate	Emulsifier
Protamate 6000 DS	PEG-150 Distearate	Emulsifier
Protamate 200 DL	PEG-8 Dilaurate	Emulsifier
Protamate 400 DL	PEG-8 Dilaurate	Emulsifier
Protachem CA 9	PEG-9 Castor Oil	Emulsifier & Solubilizer
Protachem CO 30	PEG-30 Castor Oil	Emulsifier & Solubilizer
Protachem CO 40	PEG-40 Castor Oil	Emulsifier & Solubilizer
Protachem CO 60	PEG-60 Castor Oil	Emulsifier & Solubilizer
Protachem CO 200	PEG-200 Castor Oil	Emulsifier & Solubilizer
Protachem HCO 16	PEG-16 Hydrogenated Castor Oil	Emulsifier & Solubilizer
Protachem HCO 25	PEG-25 Hydrogenated Castor Oil	Emulsifier & Solubilizer
Protachem HCO-40 & HCO-40-R	PEG-40 Hydrogenated Castor Oil	Emulsifier & Solubilizer
Protachem HCO-60	PEG-60 Hydrogenated Castor Oil	Emulsifier & Solubilizer

## Humectants

<b><u>Product Name</u></b>	<b><u>INCI Name</u></b>	<b><u>Use</u></b>
Glycerin	Glycerin 99.7 USP K	Humectant

DL-Panthenol	Panthenol	Moisturizer & Conditioner
Protachem 75	PEG-75	Humectant for Skin and Hair Care
Protachem GL-7	Glycereth-7	Humectant
Protachem GL-26	Glycereth-26	Humectant
Aminosyl NL 50	Sodium PCA	Moisturizer for skin and haircare
Protachem SPCA	Sodium PCA	Moisturizer for Skin and Hair Care
Sorbitol 70% Soln	Sorbitol	Moisturizer for Skin Care

## Thickeners

<u>Product Name</u>	<u>INCI Name</u>	<u>Use</u>
Carbomer 980	Carbmoer	Thickener for hair gels, and styling aides
Carbo 2020	Acrylates & C10-30 Alkyl Acrylate Crosspolymer	Self-Wetting, Medium flow/Medium-High viscosity
Carbo U20	Acrylates & C10-30 Alkyl Acrylate Crosspolymer	Self-Wetting, Medium flow/Medium-High viscosity
Xanthan Gum 80 & 200	Xanthan Gum	Thickening hair care, skin care

## Viscosity Enhancers

<u>Product Name</u>	<u>INCI Name</u>	<u>Use</u>
Cetyl Alcohol	Cetyl Alcohol	Visc. Regulation
Stearyl Alcohol	Stearyl Alcohol	Visc. Regulation
Palmitic Acid	Palmitic Acid	Visc. Regulation
Myristic Acid	Myristic Acid	Visc. Regulation
Lauric Acid	Lauric Acid	Visc. Regulation
Protachem CS-50	Cetearyl Alcohol	Visc. Regulation
Protachem CS-70	Cetearyl Alcohol	Visc. Regulation
Protachem GMS-D	Glyceryl Stearate SE	Visc. Adjustment Self Emulsify
Protachem EGDS	Glycol Distearate	Visc. Builder
Protachem EGMS	Glycol Stearate	Visc. Builder
Protachem PGMS	Propylene Glycol Stearate	Visc. Builder

## Sunscreen Agents, UV Absorbers, Water Resistant Polymers

<u>Product Name</u>	<u>INCI Name</u>	<u>Use</u>
Protaphenone-2	Benzophenone-2	UVA/UVB Absorber, Water Soluble
Protaphenone-3	Benzophenone-3	UVA/UVB Absorber, Oil & Water Soluble
Protaphenone-4	Benzophenone-4	UVA/UVB Absorber, Water Soluble
Protachem AVO	Avobenzone	UVA Absorber, Oil Soluble

Protachem OMC	Cinoxate	UVB Absorber, Oil & Alcohol Soluble
Mattewax 511	Polypropylene Wax	Mattifying Agent for Sunscreens and Sticks
Zinc and TiO2	Custom Dispersions	SPF Sunscreens

## Waxes

<u>Product Name</u>	<u>INCI Name</u>	<u>Use</u>
White & Yellow Beeswax NF	Cera alba	Balms, Depilatory waxes, creams, and candles
Carnauba Wax #1, 3 & 4 NF/ USP	Copernicia cerifera (Carnauba) wax	Shoe polish, auto polish, lipsticks, pressed powders, eye pencils
Refined Candelilla Wax	Euphorbia Cerifera	Body butters, creams, lip sticks
Ceresin Wax	Ceresin Wax	Light creams and lotions
Microcrystalline Wax	Cera Microcrystallina	Hard wax, lipsticks, emulsion Stabilizer
Ozokerite Wax	Ozokerite Wax	Sunscreen, lipbalm, lip gloss
Paraffin Wax	Paraffin Wax	Lipsticks, mascaras, lip gloss, candles
Montan Wax	Montan Wax	Car and shoe polish give high gloss

## Pearlizers

<u>Product Name</u>	<u>INCI Name</u>	<u>Use</u>
Protachem EGMS	Glycol Stearate	Pearlizer Wax
Protachem EGDS	Glycol Distearate	Pearlizer Wax
Protachem PGMS	Propylene Glycol Stearate	Pearlizer Wax

## Preservatives

<u>Product Name</u>	<u>INCI Name</u>	<u>Use</u>
Potassium Sorbate	Potassium Sorbate	Preservative
Methyl Paraben NF	Methylparaben	Preservative
Propyl Paraben NF	Propylparaben	Preservative
Ethyl Paraben NF	Ethylparaben	Preservative
Butyl Paraben NF	Butylparaben	Preservative
Protacide DMDMH	DMDM Hydantoin	Preservative
Protacide PE	Phenoxyethanol	Preservative
Potassium Sorbate gran	Potassium Sorbate	Preservative
Glucona Delta Lactone	Gluconalactone	Preservative
Sodium Benzoate, Powder & Granular, Liquid	Sodium Benzoate	Preservative

## Surfactants for Personal Care, H I & I, and Pet Care

<b><u>Product Name</u></b>	<b><u>INCI Name</u></b>	<b><u>Use</u></b>
Trisurf AOS-40	Sodium C14-16 Olefin Sulfonate	Shampoo, Cleaners, Pet Shampoo, Liquid Dish Soap
Sucranov 611 L	Sodium laureth Sulfate (and) Lauryl Glucoside (and) Cocamidopropyl Betaine	Mild Surfactant base for shampoos, body washes, skin cleansers, and liquid dish soaps
Jarplex SB-PO 65	Coco Glucosides and Shea Glycerides	100% Naturally derived from Coconut and Shea Butter as a lip layer enhancer for body washes
Aminosyl L 30	Sodium Lauroyl Sarcosinate	Mild, superior foaming, skin soothing surfactant
Aminosyl SLG	Sodium Lauroyl Glutamate	Mild nionic Surfactant in powder form
Aminosyl SLMT	Sodium Methyl Lauroyl Taurate	Mild anionic surfactant amino sulfonic based for shampoo body washes, facial cleansers
Aminosyl SMCT	Sodium Methyl Cocoyl Taurate	Excellent foaming in powder form
Aminosyl SCI	Sodium Cocoyl Isethionate	Mild surfactant with great foaming and cleaning properties. compatible with other surfactants
Protapon AC-85	Sodium Cocoyl Isethionate	Shampoo, Cleaners, Pet Shampoo, Liquid Dish Soap
Protapon 24-A & 30-A	Sodium Methyl Cocoyl Taurate	Mild Surfactant, Baby, Pet, Personal Care

### Betaine Surfactants

<b><u>Product Name</u></b>	<b><u>INCI Name</u></b>	<b><u>Use</u></b>
Tritexaine CPB/G & CP-HP, CPB-SB	Cocoamidopropyl Betaine	Foam Boosting
Tritexaine CDB	Coco- Betaine	Foam Boosting
Tritexaine LDB	Lauryl Betaine	Foam Boosting
Tritexaine SB	Cocoamidopropyl Hydroxysultaine	Foam Boosting

### Amphoteric Surfactants

<b><u>Product Name</u></b>	<b><u>INCI Name</u></b>	<b><u>Use</u></b>
Proteric CDX-38	Disodium Cocoamphodiacetate	Foam Boosting
Proteric CEM-38	Disodium Cocoamphodipropionate	Foam Boosting
Triamphotex LOF	Sodium Octylamphoacetate	Foam Boosting
Triamphotex LMA	Sodium Lauroamphoacetate	Foam Boosting
Triamphotex LOF	Sodium Octylamphoacetate	Foam Boosting
Triamphotex LMA	Sodium Lauroamphoacetate	Foam Boosting
Jarplex SB AA	Sodium Sheabutteramphoacetate	Shea Oil Amphoteric with high foaming and visc building

### Amine Oxides

<b><u>Product Name</u></b>	<b><u>INCI Name</u></b>	<b><u>Use</u></b>
Triaminox CDO	Cocamidopropyl Amine Oxide	Foam Boosting
Triaminox LO	Lauryl Amine oxide	Foam Boosting
Triaminox MO	Myristyldimethyl Amine Oxide	Foam Boosting

### Amine Surfactants

<u>Product Name</u>	<u>INCI Name</u>	<u>Use</u>
Tritetexamide COD	Cocamide DEA	Visc. Builder & Foam Builder
Protamide L-80-M	Lauramide DEA	Visc. Builder & Foam Builder
Protamide LME	Lauramide MEA	Visc. Builder & Foam Builder
Protamide LNO	Linoleamide DEA	Visc. Builder & Foam Builder
Tritexamide MIPA	Cocamide MIPA	Visc. Builder & Foam Builder

## Natural Surfactants

<u>Product Name</u>	<u>INCI Name</u>	<u>Use</u>
Sucranov 818	Coco Glucoside	Shampoo, Shower and Bath Gels
Sucranov 810	Caprylyl/Capryl Glucoside	Natural surfactant good use for solubilizer
FM 818	Coco Glucoside	SHampoo, Shower and Bath Gels
FM 1200	Lauryl Glucoside	Shampoo, Shower and Bath Gels
FM 2000	Decyl Glucoside	Shampoo, Shower and Bath Gels
FM 225 DK		Neutral & Alkali Cleaners
FM 425 N		Cleaners, Disinfectants, sanitizers, Dish wash, Laundry
FM 625 UP		Cleaners, Disinfectants, sanitizers, Dish wash, Laundry

## Esters

<u>Product Name</u>	<u>INCI Name</u>	<u>Use</u>
Protachem ISL	Isostearyl Linoleate	Skin care application
Protachem ISP	Isostearyl Palmitate	Skin care and Sunscreen Applications
Protachem IPM	Isostearyl Myristate	Skin care application
Protachem IPP	Isopropyl Palmitate	Skin care application
Protachem CER	Cetyl Ricinoleate	Light emollient, lipsticks, skin care
Protachem MST	Cetyl Esters	Skin care application
Jarplex SB-EE	Shea butter Ethyl Esters	Natural shea derivative replacement for silicones
Protachem CTG	Caprylic/Capric Triglycerides	Skin care application
Protachem OP	Octyl Palmitate	Skin care application
Protachem PGML	Propylene Glycol Laurate	Skin care application
Protachem PGR	Propylene Glycol Ricinoleate	Massage oil, lipsticks, skin care
Protachem MM	Myristyln Myristate	Gives body to skin care applications

## Lanolin, Derivatives, & Naturally Derived Vegetable Lanolin

<u>Product Name</u>	<u>INCI Name</u>	<u>Use</u>
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Protalan Anhydrous	Lanolin	Skin care and Sunscreens
Protalan M-16	Mineral Oil and Lanolin alcohol	Skin care application
Protalan 75	PEG-75 lanolin	Emollient and Skin conditioner
Protalan 98	Polysorbate 80, Cetyl Acetate, Acetylated Lanolin Alcohol	Solubilizer, hydrophobic emollient adding waterproofing, body and feel
Protalan AC	Cetyl Acetate, Acetylated Lanolin Alcohol	Hydrophobic emollient adding water proofing, body and feel
Protalan MOD	Acetylated Lanolin	Hydrophobic emollient adding water proofing
Protalan Oil	Lanolin Oil	Emollient, Moisturizer for skin care
Protalan Wax	Lanolin Wax	Skin care emollient
Vegecare L	Shea Butter (and) Glyceryl Rosinate (and) Olive Oil Unsaponifiables	Natural moisturizer that protects cutaneous barrier by retaining water within epidermis
Vegecare LO	Castor Seed Oil (and) Glyceryl Rosinate (and) Glyceryl Oleate (and) Olive Oil Unsaponifiables	Vegetable alternative to Lanolin, adds emolliency, water resistant properties, High Gloss,
Vegecare LW	Glyceryl Rosinate (and) Castor Seed Oil (and) Hydrogenated Seed Oil	Vegetable alternative to Lanolin, adds emolliency, Adds Viscosity, High Gloss. Excellent Conditioning for

## Natural Clays

<u>Product Name</u>	<u>INCI Name</u>	<u>Use</u>
Jarxotic GC-NS	Lllite (and) Montmorillonite (and) Kaolin	Green Clay Ecocert and Cosmos Approved
Jarxotic CC-NS	Lllite (and) Montmorillonite (and) Kaolin	Caramel Colored Clay Ecocert and Cosmos approved
Jarxotic RC-NS	Lllite	Red Clay Ecocert and Cosmos Approved
Jarxotic YC-NS	Lllite	Yellow Clay Ecocert and Cosmos Approved
Jarxotic BC-NS	Montmorillonite	Blue Clay Ecocert and Cosmos Approved
Jarxotic PC-NS	Montmorillonite	Pink Clay Ecocert and Cosmos Approved
Jarxotic SC-NS	Lllite	Sun Colored Clay Ecocert and Cosmos Approved
Jarxotic NC-NS	Lllite	Nude colored Clay Ecocert and Cosmos Approved
Jarxotic WC-NS	Kaolin	White Clay Ecocert and Cosmos Approved
Jarxotic WC-K Kaolin	Kaolin	White Clay Ecocert and Cosmos Approved
Jarxotic WC-M White Montmorillonite	Montmorillonite	White-Pinkish Colored Clay Ecocert and Cosmos Approved

## Specialty Micronized Waxes

<u>Product Name</u>	<u>INCI Name</u>	<u>Use</u>
Microease 110XF, 110S, 114S	Synthetic Wax	Color, cosmetics, dry binders, enhances feel
Microease 1132	Synthetic Wax, Microcrystalline wax	Structural properties to hot pour, inparts visc to non-aqueous system
Micropoly 210	Oxidized Polyethylene	Stabilize emulsions
Micropoly 200, 220, 220L	Polyethylene	Dry binder, improves wear resistance, creamy feel to creams
Micropoly 250 S	Polyethylene	Soft focus and line filling
Microcare 350	Copernicia (carnauba wax)	Natural dry binder, lubricity, feel

Microcare 730	Glycol Montanate	Excellent feel, lubricity, skin adhesion, and hydrophobic
Naturesoft 800	Cellulose	Powder Bio-derived renewable resources, superior binding, high oil absorption, soft feel, for color cosmetics
Mattewax 511	Polypropylene	Matte finish, wear resistance
Ecosoft 608 & 608 XF	Polylactic Acid	Ecocert, feel, soft focus, line filling, lubricity, slip
Ecosoft 611	Polylactic Acid Copernicia Cerifera (Carnauba Wax)	Creamy feel, natural dry binder
Microsorb 944 S	Polyethylene, Calcium Silicate, Silica	Luxurious smooth and silky feel. Helps absorb oil from the skin in pressed and loose powders
Microsorb 988 S	Synthetic Wax, Calcium Silicate, Silica	Helps absorb oils, Sebum, Line Filling, Keeps sunscreen emulsions stable
Naturesorb 1000	Copernicia Cerifera (Carnauba Wax), Calcium Silicate	Helps absorb oils, Sebum, Line Filling, Keeps sunscreen emulsions stable

## Microdispersions and Gels

<u>Product Name</u>	<u>INCI Name</u>	<u>Use</u>
Microdispersion 220PC	Polyethylene Isohexadecane	Creamy feel in creams to powders
Microdispersion 511PC	Polypropylene Isohexadecane	Matte finish and after feel
Gelmatte 511	Polypropylene, Isohexadecane, Polyamide-8, Polyhydroxystearic Acid	Smooth matte finish
Gelcream 114 S	Synthetic Wax, Isohexadecane, Polyhydroxystearic Acid	Soft focus, Creamy feel

## Specialty Structural Waxes

<u>Product Name</u>	<u>INCI Name</u>	<u>Use</u>
Micropoly 204	Synthetic Wax	Structure for hot pour, increase visc, prevent sweating in sticks 68-77 C MP
Micropoly 4039	Polyethylene	Rheological modifier and structuring in sticks and lip balms and increase visc in creams and lotions 99-103 C MP, pellets
Micropoly 4049	Polyethylene	Rheological modifier and structuring in sticks and lip balms and increase visc in creams and lotions 99-103 C MP, pellets
Microease 1132	Synthetic Wax, Microcrystalline wax	Structural properties to hot pour, in parts visc to non-aqueous system, 83-89 C White Pellet

## Specialty and Miscellaneous Oils

<u>Product Name</u>	<u>INCI Name</u>	<u>Use</u>
Jarxotic AC 15 Acai Oil	Euterpe Oleracea Fruit Oil	Rich in fatty acids for anti aging, and antioxidant
Jarxotic AN 20 Andiroba Oil	Crapa Guaianensis Seed Oil	Rich in oil for anti inflammatory and renewing properties
Jarxotic BN 20 Brazil Nut Oil	Bertholletia Excelsa (Brazil) Nut Oil	Golden Oil rich in Oleic acids and vitamins for long lasting moisturization
Jarxotic BU 15 Buriti Oil	Mauritia Flexuosa (Buriti) Fruit Oil	Rich reddish oil with Provitamin A for anti aging natural SPF
Jarxotic CO 15 Copaiba Oil	Copaifera Officinalis (Copaiba) Oil	Delivers natural antimicrobial great for shaving gels
Jarxotic PF 15 Passion Fruit Oil	Passiflora Incamata Seed Oil	Golden Green or passion fruit high levels of Linoleic Acid



Canola Oil	Canola Oil	Massage Oils, creams, lotions
Coconut Oil 76 & 92 Degree	Cocos Nucifera (Coconut oil)	Skin Moisturizer
Corn Oil	Corn Oil	Body oils, creams and lotions
High Oleic Safflower Oil	Safflower Oil	Sugar Scrubs, massage oils, creams, lotions
Soybean Oil	Soybean Oil	Massage Oils, creams, lotions
Mineral Oil 70 & 90 cps	Mineral Oil	Massage Oils, creams, lotions
Protachem CTG	Caprylic/Capric Triglycerides	Creams, lotion, emollient
Apricot Oil	Prunus Armeniaca Apricot Kernal Oil	Skin emollient, restore shine in hair care
Avocado Oil	Persea Gratissima (Avocado) Oil	Rich feel for sun damaged skin
Jojoba Oil	Simmondsia Chinensis	Identical to the bodies oil so it gets absorbed quickly without greasy feel
Peppermint Oil	Mentha Piperita	Warming and cooling effect on skin, mouthwashes and breath fresheners
Sesame Oil	Sesamum Indicum (Sesame Seed Oil)	Emollient, Conditioning agent used in massage oils
Sweet Almond Oil	Prunus Amygdalus Dulcis	Moisturizer in massage oils
Sunflower Oil	Helianthus Annuus (Sunflower) Seed Oil	Emollient, conditioner, moisturizer

## Fatty Alcohols and Acids

<u>Product Name</u>	<u>INCI Name</u>	<u>Use</u>
Cetyl Alcohol	Cetyl Alcohol	Viscosity enhancers
Stearyl Alcohol	Stearyl Alcohol	Viscosity enhancers
Protachem CS-50	Cetearyl Alcohol	Viscosity enhancers
Protachem CS-70	Cetearyl Alcohol	Viscosity enhancers
Lauric Acid	Lauric Acid	Viscosity enhancers
Myristic Acid	Myristic Acid	Viscosity enhancers
Palmitic Acid	Palmitic Acid	Viscosity enhancers
Stearic Acid TP NF	Stearic Acid	Viscosity enhancers

## High Purity Alkanes

<u>Product Name</u>	<u>INCI Name</u>	<u>Use</u>
Jarcane 12	Dodecane	Vegetable derived, Very low viscosity to replace D5
Jarcane 14	Tetradecane	Vegetable derived, light and easy spreading
Jarcane 16	Hexadecane	Vegetable derived, creams to replace protroelum, can replace isohexadecane
Jarcane 18	Octadecane	Vegetable derived, heat of fusion has a cooling effect on skin
Jarcane 20	Eicosane	Vegetable derived, solid emollient with hydrophobic properties to improve viscosity and texture
Jarcane 22	Docosane	Vegetable derived, Used in combination with Jarcane 12 can be used as a conditioning agents

## Long Chain Ethers

<u>Product Name</u>	<u>INCI Name</u>	<u>Use</u>
Jarether D6	Dihexyl Ether	C6-C18 Linear Alcohol Ethers very light MP -20C
Jarether D8	Dicaprylyl Ether	C6-C18 Linear Alcohol Ethers, MP-7C Very light and fast spreading reduces tackiness and improves feel
Jarether D10	Didecyl Ether	C6-C18 Linear Alcohol Ethers, MP 14-16C
Jarether D 12	Dilauryl Ether	C6-C18 Linear Alcohol Ethers, MP 30-34C Low Polarity and provides unique skin feel as a light and powdery feel
Jarether D 14	Dimyristyl Ether	C6-C18 Linear Alcohol Ethers, MP 42-46C
Jarether D 16	Dicetyl Ether	C6-C18 Linear Alcohol Ethers, MP 52-56C
Jarether D18	Distearyl Ether	C6-C18 Linear Alcohol Ethers, MP 60-64C, Light spreading waxy emollient

## Specialty Alcohols and Acids

<u>Product Name</u>	<u>INCI Name</u>	<u>Use</u>
Jarcol I-12	Butyloctanol	Excellent solubilizer for silicone waxes maintaining liquidity and flowability
Jarcol I-16 CG	Hexyldecanol	Low visc emollient, allows for clear formulas
Jarcol I-18 CG	Isosteary Alcohol	Very good spreading and refatting properties, good for skin treatments and fragrance enhancers
Jarcol I-20 CG	Octyldodecanol	Aids moisturization with no greasy feel, Excellent for pigment dispersion
Jarcol I-20 P	Octyldodecanol	Moisturizes without a greasy feel, good pigment dispersion
Jarcol I-28 CG	Dodecylhexadecanol	A body melt temp for lip balms and deodorants
Jarcol H2280	Behenyl Alcohol	High melting solid used in stick formulas
Jarcol 95 CG	Oley Alcohol	Wetting agent, Emulsifier, Solubilizer, defoamer, conditioning Agent
Jaric I-16	Hexyldecanoic Acid	Shaving soaps, giving great feel, and clear formulas

## PVP and PVP/VA Polymers

<u>Product Name</u>	<u>INCI Name</u>	<u>Use</u>
Jarpol PVP K 30 Powder	PVP	Dye receptive resins, film formers, adhesives, hard hold
Jarpol PVP K30 Soln 30%	PVP	Dye receptive resins, film formers, adhesives, Hard hold
Jarpol PVP K90 Powder	PVP	Dye receptive resins, film formers, adhesives, hard hold
Jarpol PVP K90 Soln 20%	PVP	Dye receptive resins, film formers, adhesives, hard hold
Jarpol PVP/VA 64 and PVP/VA 73	VP/VA Copolymer	Transparent, hard, glossy, water-removable film for hair gels, mousses, and hair sprays

## Active Ingredients

<u>Product Name</u>	<u>INCI Name</u>	<u>Use</u>
Actique LIC 90	Glycyrrhiza Glabra (Licorice) Root Extract	Skin Lightening, reduction of inflammation from UVA and UVB
Actique LIC	Glycyrrhiza Glabra (Licorice) Root Extract	Skin Lightening, reduction of inflammation from UVA and UVB
Actique Aqua LIC	Glycyrrhiza Glabra (Licorice) Root Extract (and) Hydroxypropyl Cyclodextrin (and) Pentylene Glycol (and) Aqua	Skin Lightening, reduction of inflammation from UVA and UVB
Actique Map	Magnesium Ascorbyl Phosphate	Skin lightening with high anti-Oxidant activity
Actique Light	Glycyrrhiza Glabra (Licorice) Root Extract (and) Hydroxypropyl Cyclodextrin (and) Pentylene Glycol (and) Aqua	3% Olegopeptides and 2% Gladridin for dark spot removal and skin lightening
Actique Pearl	Hydrolyzed Conchiolin Protein	Unique dark Spot correcting Oleogopeptide, water soluble
Actique Shikon	Caprylic/Capric Triglycerides (and) Lithospermum Erythrorhizon Root Extract	Anti-Inflamatory derived from chinese Herb and control Oil in acne with a natural pink color
Actique Ceramide	Ceramide NG	Mimics Ceramide-2 present in skin to preserve epidermal water loss and repair skin barrier function
Actique Aqua Ceramide	Ceramide NG (and) Steareth-30 (and) Cholesterol (and) Stearic Acid (and) Aqua	Mimics Ceramide-2 present in skin to preserve epidermal water loss and repair skin barrier function can be incorporated in the water phase Promotes synthesis of Hyaluronic Acid and Glycosaminoglycans to protect skin internally and externally
Actique NAG	Acetyl Glucosamine	
Actique Hyal Max	Hyaluronic Acid	1.8-2.5 Million Dal high viscosity
Actique Hyal 1M	Hyaluronic Acid	Medium Viscosity MW 850,000-1.6 Mil
Actique Hyal Mini	Hyaluronic Acid	MW below 10,000
Actique Hyal 1%	Sodium Hyaluronate (and) Water	1% solution

## Natural Butters

<u>Product Name</u>	<u>INCI Name</u>	<u>Use</u>
Cocoa Butter	Theobroma Cacao Seed Butter	Melts at body temp, emollient, moisturizer
Almond Butter	Prunus Amygdalus Dulcis	Skin emollient and moisturizer
Jarxotic AB 35	Acai Butter	Rich in Omega fatty acids, Polyphenols, & Anthocyanins
Jarxotic CU 35	Theobroma Grandiflorum Seed Butter	Excellent emollient for dry damaged skin and hair
Jarxotic MB 35	Magnifera Indica (Mango) Seed Butter	Great emollient for cutaneous skin dryness
Jarxotic MU 35	Astrocaryum Murumuru (Seed) Butter	Rich in Oleic Acid, nutrition and moisture for skincare
Jarxotic TU 30	Astrocaryum Tucuma (Seed) Butter	Excellent Butter high levels of Vit A, Lauric, myrastic Acids
Jarplex SB 10 Shea Butter Oil	Butyrospermum Parkii (Shea) Oil	Shea Oil unique superior freeze point
Jarplex SB 12 Shea Butter Extract	Butyrospermum Parkii (Shea) Oil	Light Dry skin feel with ant-Inflamatory, Dry skin, Eczema
Jarplex SB 15 Shea Butter Liquid	Butyrospermum Parkii (Shea) Oil	Easy to formulate lighth feel and melt point of 15C

Jarplex SB 35 Shea Butter	Butyrospermum Parkii (Shea) Oil	Creamy Shea Butter for Lotions and Creams
Jarplex SB 45 Shea Butter	Butyrospermum Parkii (Shea) Oil	High melt point, soft feel delivering unique feel
Jarplex SB 60 DP	Distarch Phosphate (and) Butyrospermum Parkii (Shea) Oil	Free flowing powder for aerosol and powdered applications

## Shea Derivatives

<u>Product Name</u>	<u>INCI Name</u>	<u>Use</u>
Jarplex IPS	Isopropyl Shea Butterate	Natural and Sprayable Shea Ester adding skin conditioning
Jarplex SB-OE	Octyldodecyl Shea Butterate	Natural based moisturizing ester with improved oxidative stability than shea butter alone
Jarplex MUR	Isopropyl Shea Butterate (and) Dodecane (and) Hexadecane	Blend of natural alkanes and light shea esters
Jarplex SB-AA	Sodium Sheabutteramphoacetate	Shea butter amphoteric high foam
Jarplex SB-WS 50	PEG-50 Shea Butter	Very water soluble non-ionic surfactant
Jarplex SB-WD	Shea Butter Glycerides	Water dispersible in aqueous solutions
Jarplex SB-WD 10	Shea Butter Glycerides (and) Aqua	Natural butter dispersed in water @ 10% non greasy feel
Jarplex CU-WD	Cupuacu Butter Glycerides	Completely water dispersible butter
Jarplex MU-WD	Murumuru Butter Glycerides	Completely water dispersible for body and hand washes

## Exfoliants: Natural, Biodegradable, & Synthetic

<u>Product Name</u>	<u>INCI Name</u>	<u>Use</u>
Naturescrub C20 & C50	Copernicia Cerifera (Carnauba) Wax	Natural irregular exfoliant
Naturescrub M20 & M50	Glycol Montanate	Natural irregular partial size exfoliant
Naturesrub H14, H20, H50	Hydrogenated Castor Oil	Natural irregular partial size exfoliant
Naturebead B20	Copernicia Cerifera (Carnauba) Wax, Beeswax	Natural Exfoliant Spherical in shape
Naturebead J20	Copernicia Cerifera (Carnauba) Wax, Beeswax, Jojoba	Natural Exfoliant Spherical in shape
Naturebead C14	Oryza Sativa (Rice) Bran Wax, Theobroma Cacao (Cocoa) Seed Butter	Natural Exfoliant Spherical in shape
Naturebead G20	Cetyl Esters, Oryza Sativa (Rice) Bran Wax, Olea Europaea (Olive) Fruit Oil	Natural Exfoliant Spherical in shape
Naturebead R20	Oryza Sativa (Rice) Bran Wax	Natural Exfoliant Spherical in shape
Nature Brown 20RS	Oryza Sativa (Rice) Bran Wax, Cocos Nucifera (Coconut) Oil Yellow 5 Lake, Red 30 Lake, Blue 1 Lake, Talc, TiO2, Iron Oxides, Lecithin	Natural Exfoliant Spherical in shape
Nature Blue 20RS	Oryza Sativa (Rice) Bran Wax, Blue 1 Lake	Natural Exfoliant Spherical in shape
Nature Green 20RS	Oryza Sativa (Rice) Bran Wax, Chromium Hydroxide Green	Natural Exfoliant Spherical in shape
Nature Red 20RS	Oryza Sativa (Rice) Bran Wax, Red 40 Lake	Natural Exfoliant Spherical in shape
Synscrub 20 PC, 35 PC, 50 PC, 80 PC, 100PC	Synthetic Wax	Irregular shape exfoliant
Synscrub 164 S	Synthetic Wax	Spherical Exfoliant

Synscrub 164 SF	Synthetic Wax	Spherical Exfoliant
Synscrub 164 BKS	Synthetic Wax, Cocos Nucifera (Coconut) Oil, Yellow 5 Lake, Red 30 Lake, Blue 1 Lake, Talc, Iron Oxides, Lecithin	Spherical Exfoliant
Synscrub 164 BRS	Synthetic Wax/Cocos Nucifera (Coconut) Oil/ Blue 1 Lake/ Red 40 Lake/Yellow 6 Lake/ Lecithin	Spherical Exfoliant
Synscrub Berry 3060 S	Synthetic Wax/Red 33 Lake/Red 7 Lake/ Caprylic/Capric Triglycerides	Spherical Exfoliant
Synscrub 164 BRN	Synthetic Wax, Cocos Nucifera (Coconut) Oil, Yellow 5 Lake, Red 30 Lake, Blue 1 Lake, Talc, Iron Oxides, Lecithin	Spherical Exfoliant
Synscrub 164 BLS	Synthetic Wax, Blue 1 Lake	Spherical Exfoliant
Synscrub 164 GRS	Synthetic Wax, Chromium Hydroxide Green	Spherical Exfoliant
Synscrub 200 GRS	Synthetic Wax, Blue 1 Lake, Yellow 5 Lake	Spherical Exfoliant
Synscrub 164 RS	Synthetic Wax, Red 30 Lake	Spherical Exfoliant
Ecocrub 1435 PC, 20PC, 40PC, 50PC, 80PC, 100PC	Polylactic Acid	Ecocert Approved irregular shap exfoliants
Ecoblue 5025	Polylactic Acid, Ultramarines	Ecocert Approved irregular shap exfoliants
Ecoblue 50 BL1	Polylactic Acid, Blue 1 Lake	Ecocert Approved irregular shap exfoliants
Ecogreen 50 GR 1	Polylactic Acid Blue 1 Lake, Yellow 5 Lake, Red 40 Lake, tiO2	Ecocert Approved irregular shap exfoliants
Ecogreen 5025	Polylactic Acid, Ultramarines, Iron Oxides	Ecocert Approved irregular shap exfoliants
Ecored 5025	Polylactic Acid, Red 40 Lake	Ecocert Approved irregular shap exfoliants
Ecowhite 5025	Polylactic Acid, TiO2	Ecocert Approved irregular shap exfoliants
Bioscrub 20 PC, 50 PC, 80 PC, 100 PC	Polyhydroxybutyrate	Ecocert Approved irregular shap exfoliants
Biowhite 20 PC & 50 PC	Polyhydroxybutyrate, TiO2, Blue 1 Lake, Ethylene Distearamide	Ecocert Approved irregular shap exfoliants

## Hair Conditioners

<b>Product Name</b>	<b>INCI Name</b>	<b>Use</b>
Protaquat 2HT-100	Distearyl Dimonium Chloride	Conditioning quat for hair care
FM-PQ 10 JR 3000	Polyquaterium-10	Film Forming, Superior Styling, and Conditioning Propertires
FM-PQ 4, 7, 10, 11, 22, 39	Polyquaternium-4, 7, 10, 11, 22, 39	Film forming, superior wet combing, and conditioning
Protaquat 7	Quaternium-7	Conditioning quat for hair care
Protaquat 10	Quaternium-10	Conditioning quat for hair care
Protaquat 18	Quaternium-18	Conditioning quat for hair care
Protaquat 868-P	Decetyldimonium Chloride	Antistatic agent conditioning quat for hair care
Protaquat CT-429	Cetrimonium Chloride	Antistatic agent conditioning quat for hair care
Protaquat ASP	Cetearyl Alcohol and PEG-40 Hydrogenated Castor Oil and Stearylkonium Chloride	Conditioner concentrate

## Natural H I & I Surfactants

<u>Product Name</u>	<u>Form</u>	<u>Use</u>
FM 225 DK	Liquid	Neutral and Alkali cleaners
FM 425 N	Liquid	Redily biodegradable, DfE, Hydrotrope, Stable in acid and caustic solutions, inhibits metal corrosion
FM 626 UP	Liquid	Hard surface cleaners, LDL, manual dish, spot free drying

## Vitamins and misc Specialty Ingredients

<u>Product Name</u>	<u>INCI Name</u>	<u>Use</u>
Vitamin C	Ascorbic Acid	Protect skin, anti-aging, reduce inflammation
RT-100	Vitamine A & Soybean Oil	Anti-Wrinkle
Protaderm HA	Alpha/Beta Hydroxy Acid Blend	Wrinkle reduction and anti-aging. Acne
Protachem 100 CG	Hydrolyzed Collagen	Crams and lotions from moisturization and conditioner
Vitamin E Acetate	Tocopheryl Acetate	Skin Conditioning agent and Antioxidant
DL- Panthanol	Panthanol	Humectant, emollient, and moisturizer in creams, lotions and shampoos
Mixed Tocopherols 50%, 70%, 90%	Tocopherol	Active ingredient in skin and hair care
Nanospersion 122506	Acorbic Acid	Anti-oxidant, Skin Lightening, Repair photo damaged skin

## Chelating Agents

Biopure GLDA	Teyrasodium Glutamate Diacetate	from natural and Biodegradeable mterial stable over large range pH
Bipure IDS	Tetrasodium Iminodisuccinate	Low toxicity and ecotoxicity
Protacide Na2-P	Disodium EDTA	Used to enhance anti-microbial activity
Protacide Na3 EDTA	Tetrasodium EDTA	Used to enhance anti-microbial activity

## Misc. Commodity Ingredients

<u>Product Name</u>	<u>INCI Name</u>	<u>Use</u>
Aluminum Sulfate Granular	Aluminum Sulfate	Shaving
BHT Crystal	BHT	Antioxidant
Acetone	Acetone	Nail polish remover
Boric Acid	Boric Acid	
Caustic Soda Beads	Caustic Soda	
Menthol	Menthol	Warming effect for creams and lotions
Potassium Sorbate	Potassium Sorbate	Preservative
Propylene Glycol USP K	Propylene Glycol	Humectant

Sodium Benzoate	Sodium Benzoate	Preservative
Sodium Bicarbonate USP #1	Sodium Bicarbonate	Bath Fizzies
Citric Acid	Citric Acid	pH adjustment
Titanium Dioxide	Titanium Dioxide	
Xanthan Gum 80 & 200 Mesh	Xanthan Gum	Thickener
Xylitol USP/FCC	Xylitol	Sweetener in mouthwash
Glucona-Delta lactone	Gluconalactone	Preservative
Salt (Table Salt)	Salt	Body Scrubs
Sugar Fine Granular, Extra Course, Brown, Brown organic	Sugar	Body Scrubs

## Vitamins

Ascorbic Acid	Ascorbic Acid
Ascorbyl Palmitate	Ascorbyl Palmitate
Beta Carotene 1% & 10%	Beta Carotene
Vitamin A	Retinol
Vitamin B 5	DL-Panthenol
Vitamin E Acetate 50%, 70%, and 90%	Mixed Tocopherols
Vitamin K 5%	

## Notes