

Product List

Cosmetic Ingredients & Ideas®
BROOKS
INDUSTRIES INC.

AT THE LEADING EDGE OF COSMETIC TECHNOLOGY



Activity & Effect

Anti-Inflammatory

Biocell™ SOD
Biodynes® TRF
NAB Fennel Seed
Procyte Alpha

Cell Proliferating

Biodynes® TRF
NAB Clintonia Borealis
NAB Queen of the Prairie
NAB Yucca Glauca
Procyte Alpha

Film-Forming

BioPol® OE
Gel Base
Plant Proteins
Pseudofilaggrin®
VegePol

Oil Controlling

BioPol® OE
VegePol

Soothing

βetavera
Biodynes® TRF
NAB Clintonia Borealis
NAB Yucca Glauca
Procyte Alpha

Anti-Irritant

βetavera
Biodynes® TRF
NAB Clintonia Borealis
NAB Fennel Seed
NAB Hawthorn
NAB Jewelweed
NAB Yucca Glauca
Plant Proteins
Procyte Alpha

Delivery Systems

Brookosomes®
Chronospheres®
SMEC

Cell Renewing

Acquabiomins™
Biodynes® TRF
Multifruit® BSC
NAB Queen of the Prairie
NAB Spotted Geranium
NAB Willowbark
NAB Yucca Glauca
Procyte Alpha
Vitazymes®

Firming

Multifruit® BSC
NAB Spotted Geranium
Bio-Oil HBSL™

Skin Tone Evening

NAB Asafetida

Anti-Oxidant

Biocell™ SOD
NAB Fennel Seed
Vitazymes®

Strengthening

NAB Yucca Glauca
Phytokeratin®
Pseudocollagen®

Antimicrobial

NAB Hawthorn
NAB Willowbark

Cell Respiration

Biodynes® TRF
NAB Clintonia Borealis
NAB Queen of the Prairie
Procyte Alpha

Line Minimizing

Biodynes® TRF
Gel Base
NAB Spotted Geranium
Procyte Alpha

Smoothing

Acquabiomins™
Biodynes® TRF
Multifruit® BSC
NAB Willowbark
Procyte Alpha

Environmental Protection

Biocell™ SOD
NAB Fennel Seed
NAB Hawthorn
NAB Jewelweed
NAB Queen of the Prairie
SMEC Sun

Conditioning Agents

Honeyquat 50
Phytokeratin®
Quat-Soy
Quat-Wheat

Pigment Dispersing

Gel Base

Hair Shine

Honeyquat 50
Phytokeratin®
Silks

Moisturizing

Acquabiomins™
Biodynes® TRF
Bioplex NMF
Bioplex RNA™
Fibro-Silk
Honeyquat 50
Milk Amino
Planell® Oil
Plantsol
Pseudocollagen®
Procyte Alpha
Quat-Wheat
SMEC
Solu-Soy
NAB Spotted Geranium
NAB Yucca Glauca
Wheat Amino Acids
Wheat-Pro



Biotechnological Active Ingredients

As we progress into the next century, new means of producing active ingredients become available. Biotechnology has provided us with methods for producing unique active ingredients from novel sources.

Product	Code#	INCI Designation	Properties	Use Levels
Biodynes® TRF	06212	Saccharomyces Lysate Extract	promotes collagen synthesis acts as anti-inflammatory soothes, moisturizes & revitalizes, liquid & powder form	0.5-3.0%
Procyte Alpha	06238	Saccharomyces Lysate Extract	destressing compound moisturizing, strengthening, liquid	2.0-4.0%
Biocell™ SOD	06390	Superoxide Dismutase	offsets environmental damage free-radical scavenger, powder	0.1-1.0%
Betavera	06260	Water & Barbados Leaf Extract & Yeast Extract	active β-glucans, benefits of Aloe and Yeast	5.0-10.0%
Phytohyaluronate	06488	Yeast Extract	cytoskeletal extract, replaces dermal matrix, binds moisture	1.0-10.0%
Musol 20	06490	Glycoproteins	liquid, soluble yeast protein substantive to hair	2.0-5.0%
Pseudofilaggrin®	01510	Butylene Glycol & Saccharomyces Extract	moisturizing film former restores barrier function of stratum corneum, liquid	5.0-10.0%

Product	Code#	INCI Designation	Properties	Use Levels
Bio-Oil HBSSL™	06070	Glycine Soja (Soybean) Seed Extract & Ceramide 3	maximize the function of the epidermal permeability barrier leading to healthy, vibrant skin	1.0-4.0%
Bioplex NMF	06105	Sodium PCA & Lactic Acid & Sodium Lactate & Urea & Collagen Amino Acids	natural moisturizing factor made of a combination of effective humectants, moisturizers and proteins, for use on skin and hair	1.0-5.0%
Bioplex RNA™	06100	Propylene Glycol & Hydrolyzed RNA & Hydrolyzed DNA	highly moisture binding fractions of DNA & RNA, liquid	0.5-2.0%
BioPol® OE	05500	Sodium C8-16 Isoalkyl -succinyl Lactoglobulin Sulfonate	oil-absorbing biopolymer, liquid	1.0-5.0%
Vegepol	05521	Sodium C8-16 Isoalkyl -succinyl Soy Protein Sulfonate	enhances skin feel and color retention in cosmetics, liquid Also offer wheat-based version	1.0-5.0%
Vitazymes®	06600s	various, available upon request	natural, protein-complexed vitamins, safe and stable delivery, powder (A, B, C, D, E, and specific combinations)	
Acquabiomins™	06300s	various, available upon request	protein-complexed minerals in an aqueous, bioactive form Potassium, Germanium, Chromium, Copper, Zinc, Calcium, Magnesium, Silicon, Selenium Biomine Marine- seawater minerals Biomine Acquacinq- Si, Mg, Cu, Fe, Zn	0.5-5.0%

Proteins

Proteins and their derivatives are important basic ingredients around which functional skin care and hair care products can be built. Proteins act as moisturizing film formers, counter-irritants and protective colloids. The use of proteins extracted from **plants** has become important to give formulations a “green” aspect by providing consumer recognizable environmentally safe ingredients.

Product	Code#	INCI Designation	Properties	Use Levels
Solu-Soy	01400	Hydrolyzed Soy Protein	essential amino acids, powerful moisture binder	1.0-5.0%
Solu-Veg	01405	Hydrolyzed Vegetable Protein	moisture-retentive, protective film-former	2.0-5.0%
Foam-Soy	01470	Sodium Cocoyl Hydrolyzed Soy Protein	high foaming polypeptide derivative with a rich natural lather, mild cleansing	3.0-20.0%
Quat-Wheat	01640s	Hydrolyzed Wheat Protein	quaternized wheat protein, moisture binding, body-building capabilities on hair	2.0-8.0%
Quat-Soy	01440s	Hydrolyzed Soy Protein	quaternized soy protein, cationic nature with improved substantivity	1.0-5.0%
Wheat-Pro	01600s	Hydrolyzed Wheat Protein	high glutamine level forms films with good tactile properties on drying, useful for high quality formulations	2.0-5.0%
Wheat Amino 20	02408	Wheat Amino Acids	hydrolyzed wheat protein provides moisturization in hair & skin care formulas	2.0-5.0%

Milk

Milk is a totally renewable material that is readily available. It is a complex nutritional fluid that can easily be fractionated into six different types of proteins (*including caseins, whey, and globulins*), fats and sugars (*lactose*).

Product	Code#	INCI Designation	Properties	Use Levels
Milk Amino	02500	Milk Amino Acids	derived from pure, whole milk, amino acids help restore moisture to skin and hair, plumps skin reducing wrinkles	1.0-5.0%

Silk

For centuries, men and women have held garments made from **silk** in esteem for their high quality. Silk has been prized for its feel, its luster and its magic. Silk is a natural fiber that is high in protein.

Product	Code#	INCI Designation	Properties	Use Levels
Fibro-Silk Powder	01300	Silk	silk protein fiber, powder form, retains moisture and entraps oil, can be used in shampoos	0.5-2.0%
Solu-Silk Protein	01301	Hydrolyzed Silk	water soluble, high molecular weight, silk protein, forms moisture retentive film smoothing skin and hair	1.0-10.0%
Solu-Silk SF	02301	Silk Amino Acids	free amino acids hydrolyzed from pure silk fibers, penetrate to bind moisture in skin & hair	1.0-10.0%

Sea

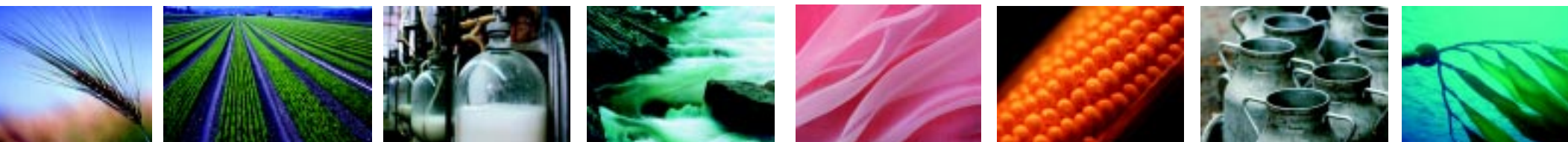
The sea is the source of all life. Products have been developed utilizing a variety of **marine** species which are rich in essential minerals and have excellent moisturizing and film forming properties.

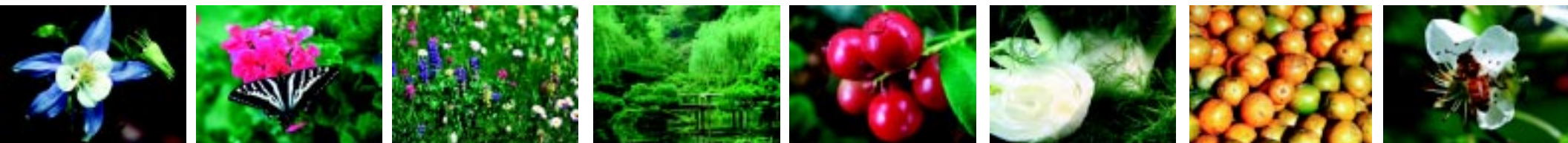
Product	Code#	INCI Designation	Properties	Use Levels
Solu-Mar EN-30	01090	Hydrolyzed Collagen	polysaccharides, vitamins and essential sea minerals, aids in healing and structuring of connective tissue	1.0-5.0%
Solu-Mar Elastin	01190	Hydrolyzed Elastin	moisture retentive film-former, enhances flexibility & elasticity of epidermis, improves skin tone, suppleness and appearance	0.5-5.0%

Collagen

Collagen has been proven functional and widely used in cosmetic preparations as a protective colloid, counter-irritant, and moisturizing agent. **Keratin** is an epidermal protective protein. The functionality of keratin depends on its highly cross-linked fibrillar nature. As we move into the future of cosmetics, the need for non-animal derived alternatives becomes evident.

Product	Code#	INCI Designation	Properties	Use Levels
Pseudocollagen®	06482	Yeast Extract	dermal matrix material soluble collagen replacement	1.0-10.0%
Phytokeratin®	02220	Hydrolyzed Corn Protein & Hydrolyzed Wheat Protein & Hydrolyzed Soy Protein	maintains moisture balance in hair, keeps skin soft and moist Also offer quaternized version	1.0-5.0%





Natural & Plant Actives

Brooks Industries offers a wide range of active ingredients that are obtained from plant and other natural resources. The NABs are naturally derived actives.

Product	Code#	INCI Designation	Properties	Use Levels	Product	Code#	INCI Designation	Properties	Use Levels
NAB Willowbark	09020	Water & Salix Nigra (Willow) Extract	anti-microbial, natural β-hydroxy acid source	1.0-10.0%					
NAB Yucca Glauca	09030	Yucca Glauca Extract	skin renewing and moisturizing, hair strengthening	2.0-10.0%					
NAB Queen of the Prairie	09031	Water & Spirea Ulmaria (Meadowsweet) Extract	skin renewal	2.0-10.0%					
NAB Spotted Geranium	09032	Water and Geranium Maculatum Extract	protects against UV-induced oxidations and redness, offers protection to hair from lipid peroxidation	2.0-10.0%					
NAB Hawthorn	09033	Water & Crataegus Monogina Extract	anti-microbial, UV protection	2.0-10.0%					
NAB Jewelweed	09034	Water & Impatiens Balsamina (Garden Balsam) Leaf Extract	UV protection, skin renewing, reduces fine lines, increases moisture	2.0-10.0%	Product Multifruit® BSC	06033	Water & Vaccinium Myrtillus Extract & Saccharum Officinarum (Sugar Cane) Extract & Acer Saccharinum (Sugar Maple) Extract & Citrus Aurantium Dulcis (Orange) Fruit Extract & Citrus Medica Limonum (Lemon) Extract	fruit acid blend, natural source of alpha hydroxy acids	5.0-10.0%
NAB Clintonia Borealis	09035	Water (and) Lily Extract	reduces skin irritation, increases cell oxygenation and proliferation	5.0-10.0%					
NAB Fennel Seed	09037	Water & Foeniculum Vulgare (Fennel) Extract	Offers protection from damaging peroxides, neutralizes lipid peroxidase on skin & hair	1.0-5.0%	Planell® Oil	06055	Olea Europaea (Olive) Oil Unsaponifiables	replenishes skin lipids and restores suppleness and flexibility	1.0-10.0%
NAB Asafetida	09159	Water & Butylene Glycol & Ethoxydiglycol & Ferula Foetida Root Extract	evens skin tone, lightens dark spots	1.0-5.0%	Honeyquat 50	07050	Hydroxypropyltrimonium Honey	excellent moisture binding, skin & hair, penetrates hair to repair	2.0-5.0%



Functional Ingredients

Fatty alcohol based emulsifying waxes and conditioning concentrates.

Product	Code#	INCI Designation	Properties	Use Levels
Brookswaxes	0400s	various, available upon request	balanced and odorless emulsifier, versatile	1.0-15.0%
Relaxer Concentrates	0440s	various, available upon request	complete, fast hair relaxation with no irritation	5.0-15.0%

Gel Base

Gel Bases are high molecular weight polymers that perform a variety of functions from enhancing aesthetics to preventing pigment agglomeration.

Product	Code#	INCI Designation	Properties	Use Levels
Gel Base	05895	Isododecane & Ethylene Mixed Copolymer	stabilizes pigments, imparts smooth, silky feel	5.0-10.0%
Gel Base II	05896	Octyl Palmitate & Cyclo-methicone & Ethylene Mixed Copolymer	prevents agglomeration of pigments, increases feel and cushion on skin, silicon compatible	5.0-10.0%
Gel Base Sil	05897	Cyclomethicone & Dimethicone	imparts smooth, silky feel to formulations	5.0-10.0%
Gel Base BSM 5	05898	Cyclomethicone & Dimethicone & Phenyl Trimethicone	optically enhancing, smoothing, increases "play time" of formulations, moisture retentive film, smoothing skin & hair	5.0-10.0%

Delivery Systems

Technology has been applied to increase the stability and functionality of active ingredients. Systems allow for controlled release of actives, increased absorption and prolonged effect. These new delivery systems, or "vehicles", can be loaded with a variety of active ingredients..

Product	Code#	INCI Designation	Properties	Use Levels
Brookosomes®	8000s	Water & Phospholipids	liposomes concentrate and deliver actives to target site, increase stability, penetration and efficacy of ingredients at lower use levels, increase absorption with longer persistence	2.0-10.0%
Chronospheres®	8500s	Acrylate/Carbamate Copolymer	compatible with a variety of actives and bases, topical, controlled time-release, heat and pressure stable, powder form	1.0-10.0%
SMEC	07200	Water & Trimethylolpropane Tricaprylate/Tricaprate & Glycerin & Cetearyl Alcohol & Cetareth 20 & Glyceryl Stearate & PEG 100 Stearate & Steareth 2 & Dimethicone & Ceteth-24 & Cholet-24 & Phospholipids & Propylene Glycol & Methylparaben & Propylparaben & Diazolidinyl Urea & Disodium EDTA	Sub-micron emulsion concentrate for use in milky lotions and alcohol-free fragrance delivery, low levels of non-ionic emulsifiers, non-irritating, absorbs quickly with no greasy after-feel	30.0-60.0%
SMEC Sun	07215	Water & Octyl Methoxycinnamate & Glycerin & Octyl Salicylate & Benzophenone 3 & Cetearyl Alcohol & Cetareth 20 & Glyceryl Stearate & Peg 100 Stearate & Steareth 2 & Dimethicone & Phospholipids & Ceteth-24 & Cholet-24 & Phenoxyethanol & Isopropylparaben & Isobutylparaben & n-Butylparaben & Disodium EDTA	sub-micron emulsion concentrate containing UV sun filters	~50%

Products by category

Biotechnological Active Ingredients

Biodynes® TRF
Procyte Alpha
Biocell™ SOD
Betavera
Phytohyaluronate
Musol 20
Pseudofilaggrin®
BioOil HBSL™
Bioplex NMF
Bioplex RNA
BioPol® OE
Vegepol
Vitazymes®
Acquabiomins™

Delivery Systems

Brookosomes®
Chronospheres®
SMEC
SMEC Sun

Natural and Plant Actives

NAB Willowbark
NAB Yucca Glauca
NAB Queen of the Prairie
NAB Spotted Geranium
NAB Hawthorn
NAB Jewelweed
NAB Clintonia Borealis
NAB Fennel Seed
NAB Asafetida
Multifruit® BSC
Planell® Oil
Honeyquat 50

Functional Ingredients

Brookswaxes
Relaxer Concentrates
Gel Base
Gel Base II
Gel Base Sil
Gel Base BSM 5

Proteins

Solu-Soy
Solu-Veg
Foam-Soy
Quat-Wheat
Quat-Soy
Wheat-Pro
Wheat Amino 20

Milk

Milk Amino

Silk

Fibro-Silk Powder
Solu-Silk Protein
Solu-Silk SF

Sea

Solu-Mar EN-30
Solu-Mar Elastin
Acquabioamin Marine

Collagen & Keratin

Pseudocollagen®
Phytokeratin®

Brooks Industries, Inc. focuses on the amalgamation of technology and marketing.
We are at the leading edge of cosmetics and strive to provide the latest in
Cosmetics and Ingredients®.



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