

pure encapsulations®

SKIN PROGRAM



Integral Dermo-Correction™ Serum with SYSTEM17™

Provides a synergistic profile of ingredients to help promote the appearance of healthy and youthful skin
See pages 8-9

Protect & Nourish A.M.

*Skin nourishing daytime protection formula**
See page 11

Renew & Hydrate P.M.

*Collagen reinforcing and skin hydrating nighttime revitalization formula**
See page 12

Defy the Elements *extra*

*Advanced photoaging protection formula to revive lack luster skin**
See page 13

The choice of more than 36,000 U.S. health professionals and a leading brand in Europe



Pure Encapsulations has been a manufacturer of hypo-allergenic nutritional supplements since 1991. We use only the most pure, potent and bioavailable forms of ingredients. There are absolutely no hidden fillers, coatings, binders, shellacs, artificial colors, or excipients in our products. They are also free of wheat, yeast, gluten, corn, sugar, starch, soy and hydrogenated oils. Furthermore, each lot of every encapsulated product is submitted to an independent laboratory for final confirmation of potency and purity. These are important distinctions from other companies, making us the choice of over 36,000 health professionals in the U.S. and Europe.

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How Can Nutritional Supplements Support The Skin?

Skin thrives when the body is well nourished and healthy. Nutritional supplementation can help optimize general health, which is ultimately reflected in skin's appearance. Furthermore, exciting scientific developments continue to reveal that oral supplementation with specific nutrients provides targeted protection for the skin.

Why Is Supplementation More Important Than Ever?

Skin is compromised by sun and aging as well as an ever-increasing exposure to pollution and stress. Nutritional support is an additional and critical mode of defense that addresses the very foundation of healthy skin.

Why Pure Encapsulations?

Pure Encapsulations is uniquely positioned to offer one of the most complete and well-designed approaches to skin health—by promoting healthy skin from within, drawing from 15 years of expertise in researching, formulating and manufacturing supplements for health professionals world-wide.

What Makes Our Program Different?

Our scientifically designed skin support program is based on a family of powerful and innovative dietary supplements that are to be combined with our dynamic, comprehensive topical serum for one of the most high-capacity and global approaches to skin care.





At Pure Encapsulations, ingredient quality and manufacturing excellence are our most important priorities.

- We are the only supplement manufacturer that has certified, independent laboratories test every batch of finished, encapsulated products.
- Using the most advanced equipment and test methods, including HPLC and MS, independent laboratories certify the potency of every ingredient against our label claims. Each product has been verified to contain what it claims on the label.
- These tests reflect the potency and purity of the actual Pure Encapsulations supplements that you recommend.
- Independent microbiological testing of all finished products is also performed to ensure supplement purity.

Manufacturing

- We manufacture our own products in our state-of-the-art plant in Sudbury, Massachusetts. We have an open plant policy for physicians. They may visit us at any time, unannounced, to inspect our immaculate facility.
- Pure Encapsulations exceeds the standards of the United States Pharmacopoeia (USP) and the proposed FDA Good Manufacturing Practices (GMP) guidelines.
- All manufacturing takes place in temperature, humidity and dust controlled rooms.
- Each piece of equipment is dismantled and sterilized before each production run.



Ingredient Quality

- Our ingredients are purchased solely for quality. They are sourced only from trusted industry leaders, including the finest suppliers from the U.S., France, Japan, Switzerland, Germany and Italy.
- Manufacturers of ingredients must pass rigorous pharmaceutical grade analytical tests to qualify as Pure Encapsulations suppliers.
- All ingredients are tested for purity and potency by independent certified laboratories.



Vegetable Sourced Capsules



- Pure Encapsulations supplements are made with vegetable capsules, with the exception of our softgels.

Supplements for Sensitive People

- Pure Encapsulations supplements are hypo-allergenic.
- Pure Encapsulations supplements contain no hidden coatings, excipients, binders, fillers, shellacs, artificial colors or fragrance.
- Pure Encapsulations supplements are free of wheat, yeast, gluten, corn, sugar, starch, soy (unless noted), preservatives or hydrogenated oils.

Distribution

- Pure Encapsulations manufactures supplements that are distributed exclusively to health professionals.
- Pure Encapsulations exports to many countries throughout the world. We are a leading supplier of supplements to pharmaceutical distributors in Germany and Austria.

For more information, please visit our website at www.PureCaps.com.



An *Introduction* to Pure Encapsulations Skin Program

The skin is the body's largest, most vulnerable organ. Its condition can suggest one's general state of health and culturally it plays a role in defining beauty. It is also highly functional, with physiological roles that include elimination of fat-soluble toxins, immune system defense, vitamin D₃ synthesis, nutrient storage, moisture retention, body temperature regulation and self-repair.

The unique composition of the skin can be affected by various factors:

- ❖ Free radicals generated by normal metabolic processes
- ❖ The aging process, which results in weakened antioxidant defense
- ❖ Sun exposure, triggering numerous biochemical pathways
- ❖ Environmental toxins and everyday stress, overburdening the body's detoxification systems
- ❖ Dietary and lifestyle habits that compromise the nutritional status of the skin
- ❖ Hormone metabolism, immune function, and digestive function

These aspects are all relevant to the state of skin's health and appearance. They may have an impact on the hallmark signs of aging, as well as skin complexion and clarity.

Research continues to indicate that a wide array of phytochemicals and nutrients can promote healthy looking skin. Importantly, this program combines the latest advances in both oral and topical strategies, providing a remarkable opportunity in skin care.



Product Preview

Integral Dermo-Correction™ Serum with SYSTEM9™
helps to moisturize, condition, comfort and soften skin

Multi t/d multivitamin/mineral support for healthy hair,
skin and nails*

Tri-EFA a triple combination of essential fatty acids for
soothing the skin*

Protect & Nourish A.M. skin nourishing antioxidant
formula to minimize the appearance of wrinkles, fine lines
and age spots*

Renew & Hydrate P.M. skin firmness and hydration support
formula to minimize the appearance of wrinkles and fine lines*

Defy the Elements extra advanced photoaging protection and
detoxification formula to revive lack luster skin and diminish
the general signs of aging*

Soothe & Clear support for noncystic, mild acne and
occasional skin redness*

A full program overview is provided in the back of the
brochure on page 15.



Integral Dermo-Correction™ Serum

with SYSTEM9™

*Tested by dermatologists and ophthalmologists
Developed by a consortium of scientists worldwide*

Pure Encapsulations topical serum contains SYSTEM9™ with patented Integral Dermo-Correction™ technology to revitalize and invigorate skin with moisturizing, conditioning and softening effects. This novel formula provides a complex combination of synergistic ingredients for versatile support suitable for all skin types, even the most sensitive. A lightweight product that complements any skin care regimen, this serum promotes the appearance of healthy, smooth, and young looking skin.

Featuring the following key ingredients:

Palmitoyl-pentapeptide 3 to reduce the appearance of fine lines and wrinkles

Hyaluronic acid and *Imperata Cylindrica extract* for moisturization and hydration

A complex of fatty acids and functional oils for skin softness and epidermal comfort

Soothing extracts of *licorice, hops, myrrh* and *horsetail*

Marine glycosaminoglycans to reduce the appearance of dark circles and redness

Dipalmitoyl hydroxyproline and *hesperitin* to support the appearance of skin firmness and tone

Vitamins A, C and E and *manganese* for the appearance of a healthy complexion

See label for complete ingredient listing.



Directions for use:

Apply topically on the entire face and neck once or twice daily.



Research Highlights

In a 4-week study completed in September 2005 at the Iris Clinical Research Organization located near Paris, France, SYSTEM7™ resulted in excellent consumer satisfaction, where findings included the following:

- 94.5% reported a moisturizing effect
- 90% reported a skin comforting effect
- 84% reported smoother skin
- 84% reported a skin calming effect
- 82% reported improvement in the appearance of firm skin
- 77.5% reported that the product promoted the appearance of uniform skin tone

Furthermore, SYSTEM7™ fared better in 9 out of 10 categories when compared to a database of over 10,000 responses to other serums and creams.

In a pilot study completed in March 2005 at the Matsukura Clinic and Medical Spa in Tokyo, Japan, results for SYSTEM7™ included the following:

- 84% reported improvement in skin hydration
- 72% reported overall product efficacy
- 64% reported improvement in the appearance of skin tone
- 62% reported softening of the skin
- Over 50% reported benefits for overall skin comfort as well as reduction in the appearance of fine lines and wrinkles

In this study, positive findings were noted after as early as two weeks of use.

An in-house study conducted by Immanence Dermo-Innovation, Inc. demonstrated that SYSTEM7™ improved the appearance of the following:

Cell Network



Day 0

Day 84

Fine Lines / Wrinkles



Day 0

Day 84

Skin Tone



Day 0

Day 84

Skin Pores



Day 0

Day 84

Multi t/d

**Broad support for healthy hair, skin and nails with advanced mineral delivery systems, activated vitamin cofactors and high capacity antioxidant protection*

At the very foundation of strong hair, skin and nails are the metabolic processes supported by B complex vitamins, particularly biotin. Equally important is well-rounded antioxidant defense from vitamins A, C, D and E along with mixed carotenoids, including lutein. These versatile antioxidants help to neutralize free radicals generated by sun exposure and cooperate with vitamin and mineral cofactors to help support collagen formation and stability.

REFERENCE: Lee EH, Faulhaber D, Hanson KM, Ding W, Peters S, Kodali S, Granstein RD. Dietary lutein reduces ultraviolet radiation-induced inflammation and immunosuppression. *J Invest Dermatol.* 2004; 122(2):510-517.

two vegetable capsules contain



ascorbic acid	500 mg.
vitamin C (as ascorbyl palmitate)	40 mg.
vitamin D ₃	400 i.u.
d-alpha tocopherol succinate (vitamin E)	100 i.u.
thiamine HCl (B ₁)	50 mg.
riboflavin (B ₂)	25 mg.
riboflavin 5' phosphate (activated B ₂)	12.5 mg.
niacin	25 mg.
niacinamide	50 mg.
pyridoxine HCl (B ₆)	12.5 mg.
pyridoxal 5' phosphate (activated B ₆)	12.5 mg.
folic acid	800 mcg.**
methylcobalamin (B ₁₂)	500 mcg.
biotin	800 mcg.
pantothenic acid (calcium pantothenate) (B ₅)	50 mg.
iodine (potassium iodide)	200 mcg.
zinc (picolinate)	15 mg.
selenium (selenomethionine)	200 mcg.
chromium (polynicotinate)	100 mcg.
mixed carotenoids	7,500 i.u.
providing:	
beta carotene	4,284 mcg
alpha carotene	135 mcg
zeaxanthin	27 mcg
lutein	21 mcg
cryptoxanthin	33 mcg
lutein ^{††}	6 mg.
zeaxanthin	1 mg.

**Provides the recommended dose for pregnant or lactating women.

2 capsules per day, in divided doses, with meals.

Order Code	MTD1	MTD6
Quantity	120	60

^{††} **Flora BIO** is a registered trademark of Kemin Industries, Inc.

Zeaxanthin is sourced from OPTISHARP™ brand. OPTISHARP™ is a trademark of DSM Nutritional Products, Inc.



Tri-EFA

**A triple combination of essential fatty acids from borage, flax and fish oils*

The omega-3 fatty acids ALA, EPA and DHA are combined with the omega-6 fatty acid GLA to provide a core complex of soothing essential fatty acids that also help to support skin and hair elasticity and moisturization. Additionally, omega-6 fatty acids are an important precursor of prostaglandin E1, a compound that supports healthy blood flow for optimal delivery of oxygen and nutrients to the skin.

REFERENCE: Storey A, McArdle F, Friedmann PS, Jackson MJ, Rhodes LE. Eicosapentaenoic acid and docosahexaenoic acid reduce UVB- and TNF-alpha-induced IL-8 secretion in keratinocytes and UVB-induced IL-8 in fibroblasts. *J Invest Dermatol.* 2005 Jan;124(1):248-55.

each softgel capsule contains

flax seed oil	400 mg.
borage seed oil	400 mg.
fish oil (50% omega-3)	400 mg.

these oils typically provide:

alpha linolenic acid (ALA)	220 mg.
EPA	120 mg.
DHA	80 mg.
linoleic acid	180 mg.
gamma linolenic acid (GLA)	88 mg.
oleic acid	152 mg.
vitamin E (d-alpha tocopherol)	5 i.u.

other ingredients: gelatin capsule

2 capsules per day, in divided doses, with meals.

Order Code	TR2	TR1	TR6
Quantity	240	120	60

Protect & Nourish A.M

*Skin nourishing daytime protection formula; may minimize the appearance of wrinkles, fine lines and age spots

Designed with the potential to:

- Neutralize free radicals generated by sun exposure and defend from photoaging *with vitamin C, alpha lipoic acid and green tea**
- Relax blood vessels constricted by stress hormones, diminish the appearance of skin pigmentation, enhance circulation, and protect collagen and elastin from degradation *with pycnogenol**
- Boost epidermal antioxidant and immune activities and preserve skin integrity by maintaining healthy matrix metalloproteinase (MMP) activity *with pomegranate**
- Enhance nourishment, oxygenation, and toxin elimination *with Hawaiian spirulina and coconut water solids**

REFERENCE: Saliou C, et al. Solar ultraviolet-induced erythema in human skin and nuclear factor-kappa-B-dependent gene expression in keratinocytes are modulated by a French maritime pine bark extract. *Free Radic Biol Med.* 2001 Jan 15;30(2):154-60.



Pycnogenol® Pine Bark Extract Supports Collagen Integrity

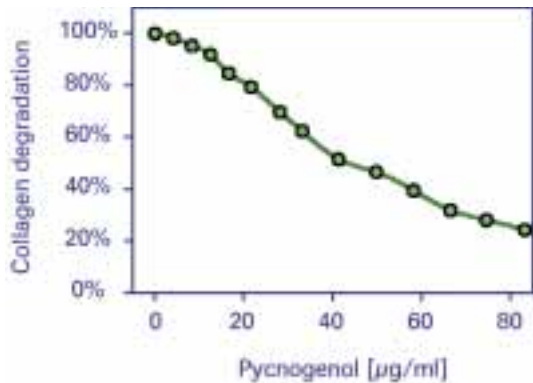


Figure 1: Pycnogenol protects collagen from the enzyme collagenase I. With increasing amounts of pycnogenol, an increasing percentage of collagen is protected.*

each vegetable capsule contains



ascorbic acid.....	100 mg.
alpha lipoic acid (thioctic acid).....	100 mg.
green tea extract (Camellia sinensis) (leaf).....	150 mg.
providing:	
total tea catechins 65%.....	98 mg.
epigallocatechin gallate (EGCG) 23%.....	35 mg.
caffeine 7%.....	11 mg.
pine bark extract.....	30 mg.
(standardized to contain 65-75% proanthocyanins).....	20-23 mg.
pomegranate (Punica granatum L.) extract (whole fruit).....	100 mg.
(standardized to contain 5% ellagic acid).....	5 mg.
freeze-dried coconut water solids.....	150 mg.
hawaiian spirulina (Arthrospira platensis).....	125 mg.
vitamin C (as ascorbyl palmitate).....	10 mg.

1 capsule per day, in the morning, with a meal.

Order Code	PAN6	PAN3
Quantity	60	30



The pine bark extract in this formula is sourced from Pycnogenol® and is a registered trademark of Horphag Research Ltd. U.S. Patents 4,698,360; 5,720,956 and 6,372,266.

Renew & Hydrate P.M.

*Collagen reinforcing and skin hydrating nighttime revitalization formula; may minimize the appearance of wrinkles and fine lines

Designed with the potential to:

- Stabilize collagen and elastin *with grape seed extract**
- Maintain skin firmness and retain moisture *with BioCell Collagen II® containing hyaluronic acid**
- Encourage the synthesis of collagen and connective tissue and stimulate immune defense and detoxification *with ACTiValoe™ aloe vera extract**
- Increase glutathione concentration to terminate reactive oxygen species *with N-acetyl-cysteine (NAC)**
- Offer first-line antioxidant protection and maintain DNA integrity *with CoQ₁₀**
- Provide building blocks to strengthen hair, skin and nails *with methylsulfonylmethane (MSM)**

REFERENCE: Judy WV, Stogsdill WW, Judy JS. Peak Absorption Characteristics and Steady State Bioavailability of Product containing Hyaluronic Acid and Chondroitin from BioCell Collagen II (patented hydrolyzed chicken sternum collagen type II compound). Publication pending.

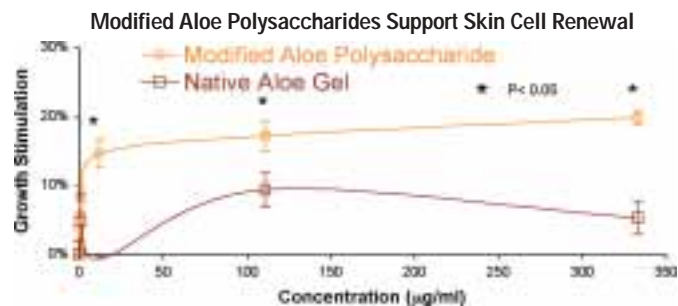


Figure 2: ACTiValoe MAPs stimulate fibroblast cell growth, while native aloe shows less activity.*

three vegetable capsules contain

coenzyme Q₁₀ (ubiquinone)30 mg.
 grape (Vitis vinifera) seed extract.....100 mg.
 (standardized to contain 92% oligomeric
 proanthocyanidins) 92 mg.
 n-acetyl-l-cysteine (free-form)100 mg.
 methylsulfonylmethane150 mg.
 aloe vera (Aloe barbadensis) extract (inner fillet) (200:1)100 mg.
 (standardized to contain 10% polysaccharides)10 mg.
 hydrolyzed type II collagen† (chicken sternal cartilage).....1,000 mg.
 providing:
 chondroitin sulfate 20%.....200 mg.
 hyaluronic acid 10%100 mg.
 vitamin C (as ascorbyl palmitate)30 mg.
 (hypo-allergenic plant fiber added to complete capsule volume requirement)

3 capsules per day, with 8-10 oz water, in the evening, with a meal.

Order Code	RAH1	RAH9
Quantity	180	90

† BioCell Collagen® is a registered trademark of BioCell Technology LLC, Anaheim, California, USA. U.S. Patents 6,025,327; 6,323,319; 6,780,841 and other U.S. and foreign patents pending.

ACTiValoe™ is a licensed trademark owned by Aloecorp, Inc. U.S. Patent 6,133,440.

Defy the Elements *extra*

**Advanced photoaging protection and detoxification formula to revive lack luster skin; helps combat the effects of physical and environmental stress to diminish the general signs of aging*

Designed with the potential to:

- Provide powerful antioxidant protection *with tetrahydrocurcuminoids**
- Boost antioxidant enzyme activity compromised by environmental toxins and support immune function at the cellular level *with Crataeva nurvala**
- Moderate arachidonic acid metabolism in response to environmental stress, protect from sun-induced free radicals and maintain cellular homeostasis *with BioAstin® astaxanthin**
- Promote healthy matrix metalloproteinase activity to maintain skin integrity *with white tea extract**
- Enhance liver detoxification to protect from chemically induced oxidative stress *with broccoli and milk thistle extracts**

REFERENCE: Sultana S, Saleem M, Sharma S, Khan N. Lupeol, a triterpene, prevents free radical mediated macromolecular damage and alleviates benzoyl peroxide induced biochemical alterations in murine skin. *Indian J Exp Biol.* 2003 Aug;41(8):827-31.



Tetrahydrocurcumin Provides Powerful Antioxidant Protection

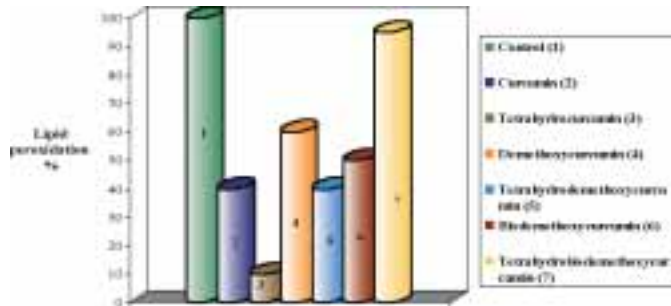


Figure 3: Tetrahydrocurcumin had the strongest antioxidant activity compared to various curcuminoids, minimizing percent lipid peroxidation in erythrocyte membrane.*

each vegetable capsule contains

tetrahydrocurcumin.....	100 mg.
(standardized to contain 95% tetrahydrocurcuminoids)	95 mg.
astaxanthin (naturally derived from haematococcus microalgae)	2 mg.
white tea (Camellia sinensis) extract (leaf).....	100 mg.
providing:	
polyphenols 80%	80 mg.
epigallocatechin gallate (EGCG) 30%.....	30 mg.
caffeine 14%	14 mg.
varuna (Crataeva nurvala) extract (bark)	150 mg.
(standardized to contain 1.5% lupeol).....	2 mg.
milk thistle (Silybum marianum) extract (fruit).....	250 mg.
(standardized to contain 80% silymarin)	200 mg.
CelluPhase	100 mg.
providing:	
broccoli (Brassica oleracea italica) sprout concentrate	
(20:1) (whole plant).....	83 mg.
(standardized to contain a minimum of 332 mcg. sulforaphane)	
broccoli (Brassica oleracea italica/alba) extract	
(whole plant).....	17 mg.
(standardized to contain 4% glucosinolates)	0.7 mg.
vitamin C (as ascorbyl palmitate)	10 mg.

1 capsule per day, with a meal.

Order Code	DTE6	DTE3
Quantity	60	30

BioAstin® is a registered trademark of Cyanotech Corporation. U.S. Patents 6,258,855; 6,344,210 and 6,433,025.

BroccoPhane™ and BroccoSinolate™ are trademarks of Cyvex Nutrition, Inc.

Tetrahydrocurcumin is protected by U.S. Patent 6,653,327.

Soothe & Clear

*A novel, nutritional complex addressing a broad range of physiological factors associated with noncystic, mild acne and occasional skin redness

Designed with the potential to:

- Promote healthy hormone metabolism, immune function and sebum production *with zinc**
- Support collagen and connective tissue integrity and skin cell renewal *with vitamin C and methylsulfonylmethane (MSM)**
- Maintain healthy histamine release to provide a skin calming effect *with quercetin and mangosteen fruit extract**
- Boost the body's immune system and moderate the oxidation of squalene in the skin *with Praventin™ bioactive lactoferrin rich milk protein complex**
- Support healthy angiogenesis balance to help diminish skin redness *with shark cartilage and pomegranate**
- Nourish the skin with vitamins, minerals, protein, essential fatty acids and antioxidants; detoxify and cleanse the gut and liver; support healthy cAMP activity *with chlorella**

REFERENCE: Nakatani K, et al. Inhibitions of histamine release and prostaglandin E2 synthesis by mangosteen, a Thai medicinal plant. *Biol Pharm Bull.* 2002 Sep;25(9):1137-41.

Praventin™ Milk Protein Complex Reduces the Appearance of Blemishes

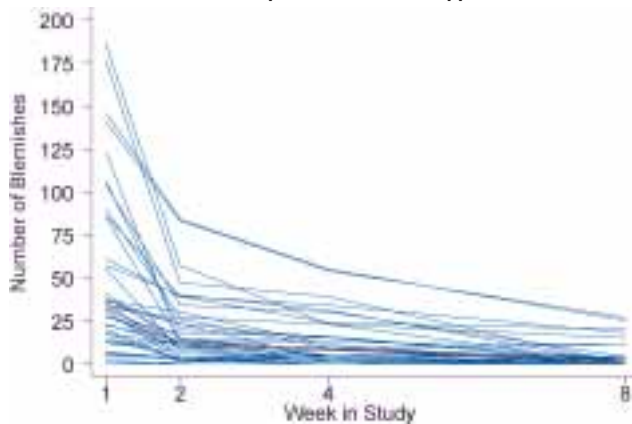


Figure 4: Number of blackheads across time for individual subjects (in blue), with median line superimposed (in red).*



two vegetable capsules contain

ascorbic acid	200 mg.
zinc (citrate).....	15 mg.
methylsulfonylmethane.....	200 mg.
milk protein complex (bovine) [†]	200 mg.
(standardized to contain min. 80% lactoferrin).....	160 mg.
shark cartilage.....	250 mg.
providing (min.):	
protein 30%.....	75 mg.
mucopolysaccharides 20%.....	50 mg.
Chlorella pyrenoidosa (cracked cell wall).....	200 mg.
pomegranate (Punica granatum L.) extract (fruit)	100 mg.
(standardized to contain 5% ellagic acid).....	5 mg.
mangosteen (Garcinia mangostana L.) extract (fruit rind) ^{††}	50 mg.
(standardized to contain 10% gamma-mangostin).....	5 mg.
quercetin	50 mg.
vitamin C (as ascorbyl palmitate)	20 mg.

2 capsules daily, in divided doses, with or between meals

Order Code	SAC1	SAC6
Quantity	120	60

[†]Praventin™ is a trademark of DMV International.

^{††}XanoMax™ is a trademark of Renaissance Herbs, Inc.

<p>PROGRAM 1</p> <hr/> <p>For healthy looking skin</p>	<p>topical serum</p> 	<p>Multi t/d</p> 	<p>Tri-EFA</p> 
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<p>PROGRAM 2</p> <hr/> <p>For clear looking skin</p>	<p>topical serum</p> 	<p>Multi t/d</p> 	<p>Tri-EFA</p> 	<p>Soothe & Clear</p> 
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<p>PROGRAM 3</p> <hr/> <p>For young looking skin</p>	<p>topical serum</p> 	<p>Multi t/d</p> 	<p>Tri-EFA</p> 	<p>Protect & Nourish A.M.</p> 	<p>Renew & Hydrate P.M.</p> 	<p>Defy the Elements <i>extra</i></p> 
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<p>PROGRAM 4</p> <hr/> <p>Combined program for clear and young looking skin</p>	<p>topical serum</p> 	<p>Multi t/d</p> 	<p>Tri-EFA</p> 	<p>Protect & Nourish A.M.</p> 	<p>Renew & Hydrate P.M.</p> 	<p>Soothe & Clear</p> 
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