

SYTHEON

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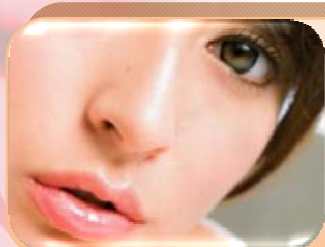
Asyntra™ C3S: Designed to Improve Dermo-Epidermal Architecture & Skin Elasticity

As we age, skin loses its elasticity and becomes thin, weak and prone to wrinkles. How can this be prevented? The main goal of anti-aging products is to decrease and eventually eliminate the appearance of fine lines and wrinkles. The way to achieve this goal is to keep wrinkles from forming in the first place. This means maintaining the Dermo-Epidermal Junction (DEJ) area. The area between the dermis and epidermis is referred to as the "Dermo-Epidermal Junction" and controls the structural integrity of skin. Asyntra™ C3S is specifically designed to improve DEJ area with the improvement of skin elasticity [Chaudhuri et al, *Cosmetics & Toiletries*, 115(3):53-59, 2000].

Product Information

Trade Name	Asyntra™ C3S (formerly Synovea® SC-3)
INCI Name	Water, Lecithin, Dipalmitoyl Hydroxyproline, Phenoxyethanol, Tall Oil Sterol, Linoleic acid, Tocopherol, Sodium Ascorbate, Mannitol
CAS #	7732-18-5; 8002-43-5; 41672-81-5; 83-46-5; 60-33-3; 59-02-9; 134-03-2; 69-65-8; 122-99-6
Appearance	Beige homogenous liquid
Miscibility	Blends very well with many existing formulations provided they can be stirred well
Suggested use level	2 to 4%

Unique attributes of Asyntra™ C3S:



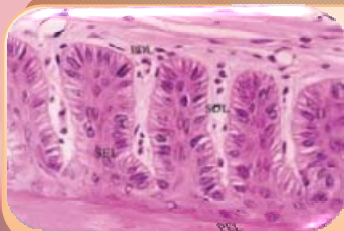
Increase Synthesis of Collagens

- **In-vitro study demonstrates increase syntheses of both Collagen III & I without increasing Matrix Metalloprotease (MMP) activity**
 - Vitamin C & Retinoids both increase MMP activity
- **Selective increase in Collagen III synthesis by inducing fibroblast activity & not due to cell proliferation**
 - Existing Collagen boosters works by increasing cell proliferation



Significant Improvement in Skin Elasticity

- **Clinically proven to be very effective in improving skin elasticity by ~35%**
 - Effect seen within four weeks of application twice a day



Rebuilds Dermo-Epidermal Architecture

- **Clinically proven to be effective in rebuilding flattened dermo-epidermal junction**
 - Provides skin tightening effect

Disclaimer: The information given and the recommendations made herein are based on our research and literature search and are believed to be accurate but no guarantee of their accuracy is made. This information is intended to be helpful, but no warranty is expressed or implied as to the results obtained from use in the formulation, procedure or products suggested herein. Neither is any permission or recommendation to practice any invention covered by patent either expressed or implied.

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