



I.D. Needed

Unlock the benefits of anti-aging without retinol in this crystal-clear jelly serum. The ideal balance of next-generation antioxidants and vitamins will have others asking for your secret – and your I.D.!



AgeCap™ Smooth Cosmetic Ingredient

Patented technology acts as an antioxidant to protect skin from sun and pollution, while softening the appearance of wrinkles and promoting radiance.

DOWSIL™ 2501 Cosmetic Wax

A water dispersible silicone glycol copolymer wax which improves moisturization, detackifies formulations, and can enhance foam properties.



Tris Amino® Ultra PC

Mild neutralizer with excellent emulsion and viscosity stabilization.



Niacinamide PC

A very pure form of Vitamin B3, improves skin moisturization and elasticity, reduces fine lines and discoloration. Protects from UV/blue light and urban pollution.



Spectrastat™ PHL

A blend of multifunctional ingredients to allow for gentle, alternative preservation. Effective in clear, high-water formulations and at a neutral pH.



Vida-Care FD10

A fast dispersing carbomer grade with high viscosity and provides a clean skin feel. Rapid wetting and swelling time for thickening properties.



BDS-Perilla SPD

Natural extract that promotes anti-allergic reactions, used for skin brightening, anti-inflammatory and antioxidant applications.

Univar Solutions offers this suggested formulation as a representative formulation only. See the back cover or univarsolutions.com for important cautions.

I.D. Needed

PHASE	INGREDIENT	WT%	TRADE NAME	SUPPLIER
A	Propanediol	5.00	Zemea® Propanediol	DuPont Tate & Lyle BioProducts
	Methoxyhydroxyphenyl Isopropylnitron	0.10	AgeCap™ Smooth Cosmetic Ingredient	Univar Solutions/ Dow
	Bis-PEG-18 Methyl Ether Dimethyl Silane	3.00	DOWSIL™ 2501 Cosmetic Wax	Univar Solutions/ Dow
B	Water	79.21	Deionized Water	
	Disodium EDTA	0.05	Versene™ Na2 Crystals	Univar Solutions/ Dow
	Carbomer	0.35	Vida-Care FD10	Univar Solutions/ Lambson
	Caprylhydroxamic Acid (and) 1,2-Hexanediol (and) Propanediol	2.00	Spectrastat™ PHL	Univar Solutions/ Inolex
	Water (and) Propanediol (and) <i>Perilla frutescens</i> Extract	2.00	BDS-Perilla SPD	Univar Solutions/ The Art of Natural Solution
	<i>Hamamelis virginiana</i> (Witch Hazel) Extract (and) Alcohol	2.00	Distilled Witch Hazel	Univar Solutions/ American Distilling
C	Niacinamide	2.00	Niacinamide PC	Univar Solutions/ DSM
	Sorbitol	1.00	Sorbitol Crystalline Powder	Univar Solutions/ ADM
	Caffeine	0.05	Caffeine USP	Univar Solutions
	Sodium Hyaluronate	0.02	Hyaluronic Acid, Sodium Salt	Univar Solutions/ Contipro
D	Polysorbate 20	0.17	Alkamuls® PSML-20	Univar Solutions/ Solvay
	Fragrance	0.05	Island Gardenia (CF0030761)	Clarity Fragrances
E	Tromethamine	q.s.	Tris Amino® Ultra PC	Univar Solutions/ ANGUS
	Water	q.s.	Deionized Water	
	Total	100		

PROCEDURE

- Prepare Phase A:
 - Combine first two ingredients; heat to 50°C with mixing to dissolve.
 - Once AgeCap has dissolved, turn off heat, add DOWSIL™ 2501, mix until melted.
- Combine phase B ingredients in main vessel, letting FD10 wet out while preparing phase C.
- Combine phase C ingredients and mix the powders.
- Begin mixing phase B and phase C with mixing, increasing mixing speed as viscosity increases sharply.
- Combine phase D ingredients and mix. Add D to BC with mixing.
- Adjust to pH 6.3 with phase E and q.s. 100% with water.
- Add phase A to BCDE with mixing.

PROPERTIES

pH:
6.3

Brookfield Viscosity:
123,000 cP [T-E, 0.5 rpm, 25°C]
31,500 cP [T-E, 5 rpm, 25°C]
11,500 cP [T-E, 20 rpm, 25°C]