

SOLO STAR SERUM

with FiberDesign™ Citrus and BotaniButter™



Solo Star Serum introduces the solo appearance of **BotaniButter™** as the star emollient in this luxurious rich serum, while showcasing compatibility with key actives popular in the serum market. Together with **FiberDesign™ Citrus** to provide emulsion stability and a delightfully cool skin sensation, Solo Star Serum will add a touch of allure to your daily skin care routine!

Phase	Trade Name	INCI	Supplier	%WT
A	Deionized Water	Aqua	---	60.80
	Butylene Glycol	Butylene Glycol	Making Cosmetics	4.00
	Glycerin, USP	Glycerin	Cargill	3.00
	Vitamin B3 (Niacinamide), USP	Niacinamide	Making Cosmetics	5.00
B	FiberDesign™ Citrus	Citrus Limon (Lemon) Peel Powder (and) Sclerotium Gum (and) Citrus Aurantifolia (Lime) Peel Powder	Cargill	0.50
	BotaniButter™	Behenyl/Oleyl Behenate/Oleate Esters	Cargill	3.00
	Emultop™ Velvet IP	Lecithin (and) Glycine Soja (Soybean) Oil	Cargill	0.50
C	Vitamin C (tetrahexyldecyl ascorbate)	Tetrahexyldecyl Ascorbate	Making Cosmetics	2.00
	Actique® Ceramide	Ceramide NG	Jarchem Industries, Inc.	0.20
D	Sodium Hyaluronate Powder (1% Solution)	Sodium Hyaluronate (and) Water	TRI-K Industries, Inc.	20.00
	Euxyl® PE 9010	Phenoxyethanol (and) Ethylhexylglycerin	Schülke Inc.	1.00

CHARACTERISTICS

- **pH:** 5.0-6.0
- **Viscosity:** 39-56 kCp, Brookfield Digital Viscometer Model RVDV-E at RT, T-C, Spindle S93, 2.0rpm.
- **Appearance:** off-white serum/thin cream
- **Stability:** passed 2 weeks at 50C, 2 months stability at RT & 4 and 45°C, 3 cycles in F/T and H/C Process

PROCESS

1. Add ingredients of Phase A in main vessel in with moderate propellor agitation and begin heating to 70-75°C.
2. Transfer Phase A to moderate homogenization agitation and add Phase B at 70-75°C.
3. Add the ingredients of Phase C in a separate vessel and heat to 70-75°C.
4. Add Phase C to Phase AB with moderate homogenization agitation at 70-75°C until uniform.
5. Transfer Phase ABC to moderate propellor agitation and begin cooling.
6. Add Phase D to Phase ABC with moderate propellor agitation at 45-50°C.
7. Stop mixing at 40-45°C.



PATENTS AND REGULATIONS The information presented herein is intended to illustrate the possible technical applications of our products. However, since the use of this information and our products is beyond our control, any recommendations or suggestions are made without guarantee of warranty in each country and particularly in the absence of patent rights. In addition, we recommend that the user ensures that this product is in compliance with the local regulations in force, particularly in the country where the finished product is to be consumed. It is the responsibility of the user to comply with the patents and the regulations in force. Formula L064. Revision date: 11/2023

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