

SCT6134 US - Dew Drop Serum

Water Jelly releasing serum!

This watery jelly texture is obtained thanks to **Natpure Cellgum Plus**. Its thixotropic property allows the serum to break when applied on skin. **Natpure Sol** is a natural solubilizer able to emulsify oils allowing the formula to have an overall light texture. The firming effect is given by **Natpure Film AP**, a hydrophilic film former while **Natpure Col Green LC 717** brings a natural green color to the formula. It is a water soluble and Cosmos compliant natural dye.



	Commercial name	Supplier	INCI name	% W/W
PHASE A	Aqua/Water		Aqua/Water	Q.S.
	Natpure Film AP	(1)	Pullulan (and) Sorbitol (and) Trehalose (and) Acacia Senegal Gum	2.00
PHASE B	Aqua/Water		Aqua/Water	36.00
	Natpure Cellgum Plus	(1)	Microcrystalline Cellulose (and) Cellulose Gum (and) Cellulose	1.50
	Euxyl® PE 9010	(2)	Phenoxyethnaol (and) Ethylhexylglycerin	0.50
PHASE C	Glycerin		Glycerin	5.00
	Floraesters K-20W	(3)	Hydrolyzed Jojoba Esters (and) Water	5.00
PHASE D	Aqua/Water		Aqua/Water	2.00
	Natpure Sol	(1)	Sodium Citrate (and) Sodium Phosphate Glycerin (and) Sucrose Laurate (and) Sucrose Dilaurate (and) Sucrose Trilaurate (and) Hydrogenated Starch Hydrolysate	0.25
	Neossance® Hemisqualane	(4)	C13-15 Alkane	10.00
PHASE E	20% Citric Acid in Water		Citric Acid	pH=6.0
PHASE F	Natpure Col Green LC717 (1% solution in water)	(1)	CI 75810	0.08
PHASE G	Concombre 2546202203	(5)	Fragrance	0.10

(1) Sensient Cosmetic Technologies

(2) Schulke

(3) Floratech

(4) Amyris

(5) Sensient Fragrance

MANUFACTURING PROCEDURE

1. Prepare Phase A with moderate mixing. Mix until it becomes clear solution.
2. Prepare Phase B. Add Natpure Cellgum plus in water and mix it with high shear.
3. Add Phase B into A and mix it until homogenous.
4. Premix Phase C and add into Phase A+B. Mix well.
5. Prepare phase D by adding Hemisqualane slowly into Natpure SOL and water mixture when mixing with high shearing. White lotion will be formed.
6. Add Phase A+B+C into Phase D and mix at moderate speed until homogenous.
7. Adjust the pH with Phase E and add Phase F and G into the batch. Mix well.

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Page 1/1

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