

Vitamin C serum

Serum (Gel-like, water based)

Ingredients

Phase	%w/w input	Ingredient
A	81.50	Water
A	3.00	Vitamin C - Sodium Ascorbyl Phosphate (Stay-C 50)
A	0.10	Davidson plum extract - glycerin
A	0.10	Kakadu plum extract - glycerin
A	0.10	Lilly pilly extract - glycerin
B	10.00	Propanediol
B	1.50	Hydroxyethylcellulose
C	2.00	Coco-Caprylate (Cetiol C5)
C	0.05	Bergamot (Citrus aurantium bergamia) fruit peel essential oil
C	0.10	Geranium (Pelargonium graveolens) flower essential oil
C	0.05	Rosewood (Aniba rosaeodora) wood essential oil
C	0.50	Tocopherol - d-alpha 70%
C	1.00	Benzyl Alcohol, Salicylic Acid, Glycerin, Sorbic Acid (Geogard ECT)
	q.s.	pH Adjuster

Method

1. Combine ingredients in phase A under low shear until homogenously mixed.
2. Add humectant to phase A and stir through. Add gum and adjust pH>8 and stir to form gel OR stir under high shear until gel forms.
3. Combine materials in phase C. Add slowly to phase A/B under low shear. Stir until homogenous.
4. Check/adjust pH to 5.8 - 6.3. Give the product a final stir the next day before packing off.



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Disclaimer: This formula and method has been developed based on the theoretical selection of listed ingredients; all costs associated with producing a sample of this product is the user's responsibility including any reworks or fails. IPCS recommends a 100g lab scale sample be made and pilot production prior to full scale production.

Please refer to supplier Safety Data Sheets (SDS/MSDS) to ensure safe handling of all raw materials. IPCS holds no responsibility for inappropriate use of materials selected, the formulation or method, in part or as a whole.

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