FORMULA BOTANICA

BOTANICAL EYE CREAM

Weight of formulation: 50g

Ingredient	Function	Weight (g)
Rose hydrosol – INCI: *Rosa Damascena Flower Water*	Foundation	37.5
Jojoba oil – INCI: *Simmondsia Chinensis (Jojoba) Seed Oil*	Foundation	7.5
Olivem 1000 – INCI: *Cetearyl Olivate (and) Sorbitan Olivate*	Functional	2.25
Rosehip CO_2 extract – INCI: *Rosa Canina (Rosehip) Fruit Extract*	Active botanical	0.5
Cucumber glycerite – INCI: *Glycerin (and) Aqua (and) Cucumis Sativus (Cucumber) Fruit Extract*	Active botanical	1.5
Vitamin E tocopherol – INCI: *Tocopherol*	Antioxidant	0.25
Preservative Eco / Geogard ECT – INCI: *Benzyl Alcohol (and) Salicylic Acid (and) Glycerin (and) Sorbic Acid*	Preservative	0.5
Total		50g

FORMULATION PROCEDURE:

- Add hydrosol in beaker A. Add oil and Olivem in beaker B. In a water bath, heat both beakers A and B to approximately 75–77° Celsius.
- Once they've reached the right temperature, add beaker B to beaker A in the water bath, while stirring with a mini whisk. After a minute or so of vigorous stirring, remove the beaker and place it in a cool water bath. Continue to stir vigorously.
- Once the emulsion starts to thicken slightly, continue to stir it regularly at intervals until the temperature in the beaker has gone under 40° Celsius.
- Add the rosehip CO_2 extract, cucumber glycerite and vitamin E oil one by one, using a pipette and whisk all 3 ingredients into the emulsion properly.
- Remove a tiny amount of the emulsion into a small beaker and dip a pH strip (or meter) into it. Measure the pH to see if it measures between 4–6.
- If the pH is too high, add a couple of drops of a citric acid or lactic acid solution. If the pH is too low, add a couple of drops of a sodium bicarbonate solution. (These ingredients can be purchased from cosmetic ingredients suppliers).
- Measure the pH again to see if it measures between 4–6. Once the pH is correct, add the preservative and ensure it is blended fully.
- Add the emulsion to your pump bottle and once it's cool, add the lid. Now label the bottle and enjoy your beautiful botanical eye cream!

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