



# BOTANICAL FACIAL CREAM

Weight of formulation: 100g

	Stage	Ingredient	Category	%	Weight
1	A	Neroli hydrosol – INCI: <i>Citrus Aurantium Amara Flower Water</i>	Foundation	73.5	73.5g
2	B	Sweet almond oil – INCI: <i>Prunus Amygdalus Dulcis Oil</i>	Foundation	15	15g
3	B	Vegetal – INCI: <i>Cetearyl Alcohol (and) Cetearyl Glucoside</i>	Functional	6	6g
4	C	Sea buckthorn CO <sub>2</sub> extract – INCI: <i>Hippophae Rhamnoides Fruit Extract (and) Rosmarinus Officinalis (Rosemary) Leaf Extract</i>	Active Botanical	1	1g
5	C	Papaya glycerite – INCI: <i>Glycerin (and) Water (and) Carica Papaya Fruit Extract</i>	Active Botanical	3	3g
6	C	Sweet orange essential oil – INCI: <i>Citrus Aurantium Dulcis Peel Oil</i>	Aromacuetical	0.5	0.5g
7	D	Geogard ECT / Preservative Eco – INCI: <i>Benzyl Alcohol (and) Salicylic Acid (and) Glycerin (and) Sorbic Acid</i>	Functional	1	1g
		Total		100%	100g

## FORMULATION PROCEDURE:

- Add hydrosol in beaker A
- Add oil and vegetal in beaker B
- Heat both beakers A and B to approximately 75–77° Celsius in a water bath
- 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 35° Celsius.
- Add the sea buckthorn CO<sub>2</sub> extract, papaya glycerite and sweet orange essential oil one by one using a pipette and whisk all 3 extracts 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 falls 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 falls between 4–6.
- Once the pH is correct, add the preservative and ensure it is blended fully.
- Add the emulsion to a jar or bottle and once it's cool, add the lid.
- Now label the jar and ensure your beautiful emulsion!