



THE HERBARIE FORMULARY

Body Care - Creams

Naturally Soothing Chamomile Rose Cream with PlantaMulse™

PlantaMulse™ is the featured ingredient for our Naturally Soothing Chamomile Rose Cream. This all natural, plant-based, PEG-free emulsifier and emollient offers exceptional softness and conditioning. When combined with Behenyl Alcohol a very stable, smooth white emulsion is the result. OryzaSilk and UltraMaize help to build viscosity and stability as well as provide sensory characteristics from the water phase. Chamomile Hydrosol, Rose Hydrosol, and Herbarie Rose Phytolate provide soothing and gently astringent qualities. Organic Shea Butter, Jojoba Oil, Calendula Extract OS, and Chamomile German SE CO2 Extract combine to nourish, soothe and condition. Rosemary Antioxidant CO2 Extract functions as an anti-inflammatory and antioxidant. Optiphen serves as the preservative for this formula.

	Ingredient	Percentage/Weight
Part A	Distilled Water	47.6% = 238 grams
Part B	PlantaMulse	3.0% = 15 grams
	Behenyl Alcohol	3.0% = 15 grams
	Organic Shea Butter	12.0% = 60 grams
	Jojoba Oil	5.0% = 25 grams
	Calendula Extract OS	3.0% = 15 grams
	Coviox T-50	0.5% = 2.5 grams
	Rosemary Antioxidant CO2	0.1% = 0.5 grams
Part C	OryzaSilk	1.0% = 5 grams
	UltraMaize	1.0% = 5 grams
	Rose Hydrosol	10.0% = 50 grams
	Chamomile Hydrosol	10.0% = 50 grams
Part D	Rose Phytolate	2.0% = 10 grams
	Chamomile SE CO2 Extract	1.0% = 5 grams
	Optiphen	0.8% = 4 grams
	Total:	100% = 500 grams

--Part A/B: Using a heat-safe container such as a stainless steel pot - heat Part A and Part B separately to 175F/76C. At 175F/76C combine both phases, adding Part A to Part B with high shear mixing (stick blender or homogenizer). Continue to mix until emulsion begins to form and thicken – approximately 3-4 minutes.

--Part C: Dry-mix OryzaSilk and Ultramaize. Slowly add the dry-mix to warm emulsion. Continue to mix with high shear mixer. Add Rose Hydrosol and Chamomile Hydrosol to warm emulsion with mixing. As emulsion cools, change mixing tools from high shear to a paddle mixer or hand held whisk or stir tool. Continue to mix until emulsion is smooth and cool (120F/48C or less).

--Part D: Add ingredients at 100F/37C with mixing.

--Finished pH: 5.5 – 6.0

The Herbarie formulas were created to demonstrate how our products can be utilized. This information is based on our knowledge and experiences and is believed to be accurate. We assume no liability in regards to these formulas and information. We urge our customers to do their own testing to ensure the products meet their own specifications.

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