



MOISTURIZING BATH OIL

Example Formulation

Description

An example of a moisturizing bath oil formulation providing moisture retention due to the film-forming properties of Ellamera™ product from Kraton and Vitamin E. The moisturizing bath oil with a micellar diffusion system disperses moisturizer components, which enable long-lasting moisturizing effect on the skin.

Physical Properties

Appearance	Liquid Fluid
Colour:	Pigment specific
Odour:	Fragrant specific
Solubility:	Not soluble in water

COMPOSITION:

INCI	Qty. %	TRADE NAME	FUNCTION
Ethyl Hexyl Palmitate	74,90	DUB PO	Protective emollient and solubilizer for polymer.
PEG 7 Glyceryl Cocoate	19,00	ZETEMOL HE	Non-ionic surfactant, used as emollient for skin care products
Hydrogenated Styrene/Butadiene Copolymer	4,00	Ellamera PER-SUST 504	Film-former
Polyglyceryl-3 Diisostearate	0,40	LAMEFORM TGI	Emulsifier
Fragrance	1,00	Fragrance	Fragrance
Tocopheryl Acetate	0,10	Tocopheryl Acetate	Antioxidant, active molecule for the skin
Pentaerythryl tetra di butyl hydroxyhydrocinnamate	0,10	Tinogard TT DD	Antioxidant and discolorizing stabilizer
Siddha Sky Blue Oil	0,50	Campo Siddha Indra Neelam Yenai	Colorant

* DUB PO is a trademark of Stearinerie Dubois; ZETEMOL is a trademark of Zchimmer & Schwarz; LAMEFORM and TINOGARD are trademarks of BASF; CAMPO is a trademark of CAMPO.

EQUIPMENT USED:

- Top stirring laboratory mixer
- Heating plate

SAFETY NOTES:

- Always be attentive when using mechanical equipment
- Manage all the ingredients with gloves and correct PPE
- Read the safety document from all the ingredients prior to formulating.

PREPARATION:

Phase A - Add Ellamera PER-SUST 504, Tinogard TT DD and the DUB PO to a beaker, and mix with a laboratory mixer at 100°C until dissolved.

Phase B - Add the Zetemol HE, Lameform TGI to a beaker and stir for another 30 minutes.

Add Phase B mixture to Phase A beaker after the Phase A mixture is cooled down to about 80°C.

Phase C - Add colorant Campo Siddha Indra Neelam Yenai, fragrance and the tocopheryl acetate to a beaker and mix.

Finally, add the Phase C mixture to the Phase A+B mixture after it is cooled down to room temperature.

PACKAGING

No restrictions, but always test the compatibility with packaging material when using fragrances.

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FOR FURTHER INFORMATION

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