

Ten Ingredient Factor Energizing Emulsion

Trade Name	INCI Name	Function	Wt%
1 Deionized Water	Aqua	Diluent	Q.S.
2 Glycerine	Glycerin	Humectant	3.0
3 ESSACHEM™ O (Paradigm Science/TC USA)	Octyldodecyl Olivat	Light, fast absorbing ester	8.0
4 ESSACHEM™ BW (Paradigm Science/TC USA)	Behenyl Olivat	Natural based Oil gelling, film Former	4.0
5 Zenibee Cream™ (Paradigm Science/TC USA)	Octyl Dodecanol, Beeswax	Emollient	5.0
6 Montanov L	C14-22 Alcohol & C12-20 alkyl glucoside	Emulsifier	4.0
7 Jeechem MM flake	Myristyl Myristate	Emulsifier	3.0
8 Solagum Tara	Caesalpinia Spinosa Gum	Texturizing & thickening agent	0.3
9 Preservative	Preservative	Preservative	Q.S.
10 Perfume	Perfume	Fragrance	Q.S.
Total			100.00

Procedure:

Phase 1: Into the main vessel add 1. Set the mixer on a high speed and sprinkle 8, mix until dissolved & no lumps remain. Add in material 2 and mix until homogeneous. Switch stirrer to low / moderate speed and commence heating to 80C.
Phase 2: In a separate vessel add materials 3-7 Commence heating to 80C until all waxes are melted.
Phase 3: When both vessel are at 80C add phase 2 to the main batch and homogenize for 15 minutes. Turn off the homogenizer and commence cooling with moderate mixing. When at 60C add 9, mix until uniform. When at 50C add in 10. Continue to cool.

SPECIFICATION: pH 5.00-7.00/Color Off-White

Formula courtesy of 

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