

**TC Indulgent Body Butter**

Trade Name	INCI Name	Function	Wt%
1 Deionized Water	Aqua	Diluent	Q.S.
2 Disodium EDTA	Disodium EDTA	Chelating Agent	0.05
3 Glycerine	Glycerin	Humectant	0.5
4 Xanthan Gum	Xanthan Gum	Rheology Modifier	0.10
5 Acrypol ET2020	Acrylates/C10-C30 Alkyl Acry-late Cross Polymer	Rheology Modifier	0.1
6 Simulsol 165	Glyceryl Stearate & PEG 100 Stearate	Rheology Modifier	5.0
7 <b>ESSACHEM™ O (Paradigm Science/TC USA)</b>	<b>Octyldodecyl Olivat</b>	<b>Light, fast absorbing ester</b>	5.0
8 <b>ESSACHEM™ BW (Paradigm Science/TC USA)</b>	<b>Behenyl Olivat</b>	<b>Natural based Oil gelling, film Former</b>	2.0
9 <b>Zenibee cream (Paradigm Science/TC USA)</b>	<b>Octyl Dodecanol, Beeswax</b>	<b>Emollient</b>	5.0
10 Benzoate C12C15	C12-15 Alkyl Benzoate	Emollient	10.0
11 Phenoxyethanol	Phenoxyethanol	Preservative	0.7
12 Parfum	Parfum	Fragrance	Q.S.
13 JeeSilc™ 94	Cyclomethicone	Skin Feel	5.0
14 Cetyl Alcohol	Cetyl Alcohol	Emulsifier	2.0
15 Potassium Hydrox-ide	Potassium Hydroxide	PH adjuster	0.02
16 Seppic Aquaxyl™	Xylitylglucoside & anhydrox-ylitol & Xylitol	Moisturizing & conditioning agent	2.0
Total			100.00

**Procedure:**

**Phase 1:** Into the main vessel add 1. Set the mixer on a high speed and add 2, mix until dissolved & no lumps remain. Add in material 4 and mix until homogeneous. Add in 3 and continue to mix Stop mixer and sprinkle material 5. Leave for 30 minutes until fully "wetted out". Switch stirrer to low / moderate speed and commence heating to 80C.

**Phase 2:** In a separate vessel add materials 6, 7, 8, 9, 10, 11, 14. Commence heating to 80C

**Phase 3:** When both vessel are at 80C add phase 2 to the main batch and homogenize for 10 minutes. Adjust PH with material 15 and homogenize for a further 5 minutes. Turn off the homogenizer and commence cooling with moderate mixing. When at 60C add 13, mix until uniform. When at 50C add 12 and 16, mix until uniform. Continue to cool .

**Product Specifications:** pH 5.00 –7.00

Color Off-white

Formula courtesy of



*The above information is believed to be accurate and is offered in good faith and for the benefit of the customer. Paradigm Science Inc and its suppliers, however, cannot assume any liability or risk involved in the use of its products since conditions are beyond our control. Statements concerning the possible use of our products are not intended as recommendations in the infringement of any patent. These products are for commercial use only.*