

## 1040 - Deodorant Cream with Zinc Ricinoleate

Weight: 100.00g

Ingredient	INCI	Function	Percent	Wgt (g)	Wgt (oz)
<b>Phase A</b>					
Zinc Ricinoleate	Zinc ricinoleate	Odor absorber	2.20	2.20	0.08
Cetyl Alcohol	Cetyl Alcohol	Thickener	2.50	2.50	0.09
CreamMaker® BLEND	Glyceryl stearate, PEG-100 stearate	Emulsifier	4.00	4.00	0.14
Triglyceride	Caprylic / capric triglyceride	Emollient	4.00	4.00	0.14
Ceteareth-20	Ceteareth-20	Emulsifier	2.00	2.00	0.07
Polyglyceryl Oleate	Polyglyceryl-4 Oleate	Emulsifier	1.00	1.00	0.04
<b>Phase B</b>					
Distilled Water	Aqua	Diluent	78.00	78.00	2.75
Glycerin	Glycerin	Humectant	3.00	3.00	0.11
Aloe Vera Pure Juice	Aloe Barbadensis (aloe vera)	Botanical	3.00	3.00	0.11
<b>Phase C</b>					
Phenoxyethanol SA	Phenoxyethanol, sorbic acid, caprylyl glycol	Preservative	1.00	1.00	0.04
Citric Acid	Citric Acid	Acidulent	0.10	0.10	0.00
Fragrance Coconut Lime Verbena	Fragrance	Fragrance	0.50	0.50	0.02

### Procedure

Phase A: Add to a heat resistant glass beaker and melt at 176F/70C, blend well.

Phase B: Add to another glass beaker and heat to the same temperature.

Add phase B to phase A and blend well until uniform, remove from the heat. Blend and cool to room temp.

Phase C: Add to phase A/B and blend well.

Test pH and adjust to 4.5-5.5 Fill into Roll-On containers.

### Properties

Zinc ricinoleate works in that it chemically fixes (traps & absorbs) odor molecules formed during bacterial decomposition of perspiration. It does not inhibit natural transpiration and has no bactericidal or fungicidal properties. Therefore it does not interfere with the natural flora of the skin. Very mild deodorant.