

1980 - Deodorant Cream with Zinc Ricinoleate

Weight: 100.00g

Ingredient	INCI	Function	Percent	Wgt (g)	Wgt (oz)
Phase A					
Zinc Ricinoleate	zinc ricinoleate	Deodorant	2.00	2.00	0.07
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
Arrowroot Starch	maranta arundinacea (arrowroot) root extract	Texturizer	5.00	5.00	0.18
Phase B					
Distilled Water	aqua	Diluent	77.20	76.70	2.72
Glycerin, USP	glycerin	Humectant	2.00	2.00	0.07
Phase C					
AntiMicro Root Blend	hexylene glycol, caprylyl glycol, wasabia japonica (wasabi) root extract, zingiber officinale (ginger) root extract, allium sativum (garlic) bulb extract	Anti-Microbial	1.20	1.20	0.04
Citric Acid	citric acid	pH Adjuster	0.10	0.10	0.00
Lavender Essential Oil	lavandula angustifolia (lavender) oil	Fragrance	0.50	0.50	0.02

Procedure

Add phase A into a heat resistant glass beaker and melt at 176F/70C, stir.

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

Add phase B to phase A and stir well, forming the cream while stirring. Remove from the heat. Keep blending until room temperature.

Add phase C and blend well. Test pH. Fill into roll-on deo containers.

pH 4.5.

Properties

Mild natural deodorant cream with arrowroot starch, zinc ricinoleate and essential oil. 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, comes as a thicker cream, but still works with a roll-on bottle.