

## 1977 - Herbal Deodorant with Arrowroot

Weight: 100.00g

Ingredient	INCI	Function	Percent	Wgt (g)	Wgt (oz)
<b>Phase A</b>					
Distilled Water	Aqua	Diluent	82.10	82.10	2.90
Arrowroot Starch	Maranta Arundinacea (arrowroot) root extract	Texturizer	2.00	2.00	0.07
GelMaker® Hydro	xanthan gum, hydroxypropyl guar, sorbitol	Thickener	0.20	0.20	0.01
Aloe Vera 10x Concentrate	aloe barbadensis leaf juice	Botanical	1.00	1.00	0.04
Laureth-3	laureth-3	Emulsifier	1.50	1.50	0.05
Rosemary Leaf Extract	glycerin, water, rosmarinus officinalis (rosemary) leaf extract	Botanical	0.50	0.50	0.02
Witch Hazel Extract	glycerin, water, hamamelis virginiana (witch hazel) extract	Botanical	1.00	1.00	0.04
Propanediol 1,3	propanediol 1,3	Humectant	2.00	2.00	0.07
DeoConcentrate Personal Care	zinc ricinoleate, sodium lauroyl sarcosinate, tetrahydroxypropyl ethylenediamine	Deodorant	5.00	5.00	0.18
Sage Extract	glycerin, water, salvia officinalis (sage) extract	Botanical	2.00	2.00	0.07
<b>Phase B</b>					
Caprylyl Glycol EHG	caprylyl glycol, ethylhexylglycerin	Antimicrobial	1.00	1.00	0.04
AntiMicro Banana	musa sapientum (banana) leaf/trunk extract	Antimicrobial	1.00	1.00	0.04
Lavender Essential Oil	Fragrance	Fragrance	0.50	0.50	0.02
Woodland Essential Oil	Fragrance	Fragrance	0.20	0.20	0.01

### Procedure

Cold process.

Phase A: Add arrowroot powder to the water and blend well. Pre-blend the GelMaker® Hydro with the Propanediol 1,3, then add to the water phase and blend well until free of lumps.

Add remaining ingredients of phase A and blend well.

Phase B: Add to phase A and blend well. Homogenize if necessary.

Fill into roll-on deodorant bottles.

pH 4.5.

### Properties

Mild deodorant with herbal extracts and essential oils. Contains natural anti-microbial ingredients and arrowroot starch helps with moisture absorption. Semi-liquid solution for roll-on bottles.

