

# Bare Necessity Deodorant Stick

Formula # 2/24-10089/286/154-10

## Features

- Vegan Formula.
- Formula Supports High Powder Loading.
- Excellent Pay-off

Skin Care

Anhydrous

Traditional Ingredients

## Formula

### Synkos O-1070

Synthetic wax that increases melt point and provides hard structure in anhydrous formulas, mimics the properties of medium melt paraffins, ozokerites, polyethylenes. Economical, versatile structurant. BHT free.

### AR Cocoa Butter

Natural wax extracted from Cocoa beans. Low melt point solid, provides thickening, some structure, and nourishment to skin and hair. Emollient, thickener, glossy finish. Usage level up to 100%

### Kester Wax K-82P

Unique plasticizer. High melt point soft wax improves stability, compatibility, and feel of anhydrous systems without affecting structure. Creates jellies and squeezables. Usage level 0.25-20%

Trade Name	INCI Name	%
<i>Phase A</i>		
Synkos O-1070 <sup>1</sup>	Synthetic Wax	11.0
AR Cocoa Butter <sup>1</sup>	Theobroma Cacao (Cocoa) Butter	11.0
Kester Wax K-82P <sup>1</sup>	C18-38 Alkyl Hydroxystearoyl Stearate	6.0
Extra Virgin Coconut Oil <sup>2</sup>	Cocos Nucifera (Coconut) Oil	22.0
Jeechem CTG <sup>3</sup>	Caprylyc/Capric Triglyceride	17.0
Magnesium Hydroxide	Magnesium Hydroxide	20.0
SMA Arrowroot Powder <sup>4</sup>	Maranta Arundinacea Root Powder	12.0
Vitamin E Acetate <sup>5</sup>	Tocopheryl Acetate	1.0

## Procedure

- Combine all ingredients. .
- Melt at 80-85 °C and mix until uniform.
- Pour into containers at approximately 80 °C and cool.

### Stability Information:

Three months at 45 °C, three months at room temperature, three freeze/thaw cycles.

### Supplier Information:

1. Koster Keunen, Inc.; 2. Maroon Group; 3. Jeen International; 4. SMA Collaboratives 5. BASF.

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