

Economy Styling Wax with Synkos 2030

Formula# : 7/18-864/122/164-4

Features

- Low-Cost Chassis
- Improved Thickening and Film Forming Properties

Hair Care

Emulsion

Traditional Ingredients

Vegan

Formula

SynKos Wax 2030

Synthetic wax that provides soft structure in anhydrous formulas, mimics the properties of low melt paraffins or ozokerites. Petrolatum alternative in emulsions. Economical, versatile thickener.

Synthetic Beeswax 122

Vegan wax blend designed to mimic the properties of natural beeswax. Thickener, film former, vegan beeswax alternative. Usage level 0.5-25%

Permulin D

Non-ionic, high HLB emulsifier designed for multiple formula types, good pH tolerance. Highly compatible.

Trade Name	INCI Name	%
<i>Phase A</i>		
Deionized Water	Aqua	57.55
Disodium EDTA	Disodium EDTA	0.05
Pemulen TR-1 ²	Acrylates/C10-30 Alkyl Acrylate Crosspolymer	0.1
Tealan 99 ³	Triethanolamine	0.3
Lincoserve WpH-LO ⁴	Pentylene Glycol, Propanediol, Caprylyl Glycol, Ethylhexylglycerin	1.0
Propylene Glycol	Propylene Glycol	5.0
PVP K-90 ⁵	PVP	5.0
<i>Phase B</i>		
SynKos 2030 ¹	Synthetic Wax	10.0
Synthetic Beeswax 122 ¹	Synthetic Beeswax	10.0
Permulin D ¹	Cetearyl Alcohol, Cetareth-20	4.0
Lincare GMS ⁴	Glyceryl Monostearate	2.0
Dermol IPP ⁶	Isopropyl Palmitate	5.0

Procedure

- Begin heating water at 80°C. Add Phase A ingredients one by one, mixing until uniform.
- Combine Phase B ingredients, and heat to 80-85°C until melted.
- Add Phase B to Phase A under agitation and mix at high speed until emulsion is uniform.
- Check pH and adjust to 6-7.
- Pour into containers at 55-60°C

Stability Information:

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

Supplier Information:

1. Koster Keunen, Inc.; 2. Lubrizol; 3. Rita; 4. Lincoln Fine Ingredients; 5. Brenntag Specialties; 6. Alzo

Looking for additional formulas? Try our Formula Selector Tool at: kosterkeunen.com/pcformulationguide