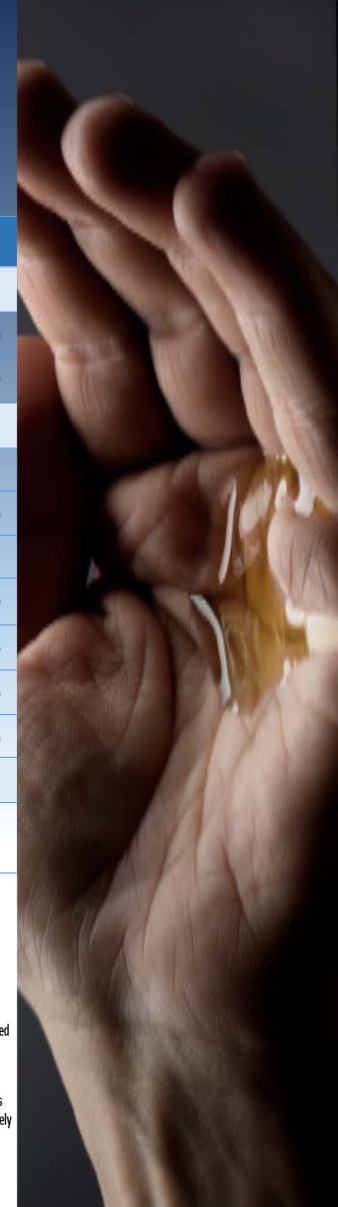


# Hoppy Hemp Oil Gel Formulation



Trade Name	INCI Name	%	Vendor
<b>Phase A</b>			
FSS Hops Extract G PF	Glycerin & Humulus Lupulus (Hops) Extract	53.25	Formulator Sample Shop
FSS Sodium Surfactin	Sodium Surfactin	0.75	Formulator Sample Shop
<b>Phase B</b>			
Cola® Teric HBS	Hempamidopropyl Hydroxysultaine	5.00	Colonial Chemical
FSS Hemp Saponins	Cannabis Sativa Seed Extract	5.00	Formulator Sample Shop
FSS Hops Extract OS	C12-15 Alkyl Benzoate & Humulus Lupulus (Hops) Extract	10.00	Formulator Sample Shop
<b>FSS Organic Hemp Oil</b>	Cannabis Sativa Seed Oil	10.00	Formulator Sample Shop
<b>FSS Olive Squalane</b>	Squalane	10.00	Formulator Sample Shop
<b>Phytocide Elderberry OS</b>	Sambucus Nigra Fruit Extract	5.00	Formulator Sample Shop
<b>Scented Extract Patchouli</b>	Pogostemon Cablin Leaf Extract	1.00	Formulator Sample Shop
<b>Phase C</b>			
Sepilife™ Nude	Sodium Acrylate/Sodium Acryloyldimethyl Taurate Copolymer & C15-19 Alkane & Polyglyceryl-6 Laurate & Polyglycerin-6	4.00	Seppic

## Formulation Guidelines

1. Combine Phase A by sprinkling Kaneka Surfactin to ABS Hops Extract G PF until uniformly dispersed.
2. Combine Phase B one by one to Phase A with mixing.
3. Slowly add Phase C to Phase AB with low-shear mixing until uniform (careful not to aerate or over-mix).



All products should undergo stability testing and Microbial/Challenge Testing. These formulations are intended for use as starting formulas and may be altered as needed.

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