



## Broad-Spectrum UVA/UVB Spray-Screen

### ARL-027-005

(Anticipated SPF 30+)

<b>PHASE A</b>	<b>% W/W</b>
NEOHELIOBAN HMS (USAN: Homosalate)	10.00
NEOHELIOBAN 303 <sup>2</sup> (USAN: Octocrylene)	8.00
NEOHELIOBAN AV <sup>2</sup> (USAN: Octinoxate)	7.50
NEOHELIOBAN OS <sup>2</sup> (USAN: Octisalate)	5.00
NEOHELIOBAN 357 <sup>2</sup> (USAN: Avobenzone)	2.00
<b>PECOSIL® FSH-150<sup>1</sup> (INCI: Perfluorononyl Dimethicone)</b>	5.00
<b>PHASE B</b>	
<b>PhoenoMulse® 100-PA<sup>1</sup> (INCI: Water (and) Polyhydroxystearic acid (and) Isononyl Isononanoate (and) Ethylhexyl Isononanoate (and) Sodium Cocamidopropyl PG-Dimonium Chloride Phosphate)</b>	62.00
DEIONIZED WATER	0.50
	100.00

1. Phoenix Chemical, Inc.
2. Symrise

**Procedure:**

In main kettle, add Phase A and mix using prop until uniform. In separate kettle, add Phase B and mix using prop mixer till uniform. Place main kettle under Homo Mixer and add Phase B. Mix until uniform.

<b>INGREDIENT</b>	<b>FUNCTION</b>
<b>PECOSIL® FSH-150</b>	Provides moisturizing properties for dry skin.
<b>PhoenoMulse® 100-PA</b>	Structure Micelle Aggregate (SMA) provides emulsifying solution in conditioning formulation.