

Formulating with JEELUX<sup>®</sup> Silicone Esters:  
Featuring: **JEELUX<sup>®</sup> VHIPP**

**NEW!**

The JEELUX<sup>®</sup> line! The latest in our Specialty Silicone Series of Quality Ingredients!

## Product Description

### JEELUX<sup>®</sup> VHIPP

**INCI:** *Isododecane, Isopropyl Palmitate, Bis-Vinyl Dimethicone/Dimethicone Copolymer*

**JEELUX<sup>®</sup> VHIPP performs as a transparent, slick, tack-free lubrication silicone carrier.**

**JEELUX<sup>®</sup> VHIPP is an especially useful additive in Color Cosmetics, producing a slick, fast drying film with a silky after feel. JEELUX<sup>®</sup> VHIPP Can also be used in Sun Care formulations that require a lighter feel.**

**JEELUX<sup>®</sup> VHIPP provides ease of formulating and enhanced softness in Moisturizers and Make-up applications.**

**JEELUX<sup>®</sup> VHIPP may be used as is, or mixed with other silicone products under high shear, to produce a soft, slick feel that is tack free.**

## Cosmetic & Personal Care Applications:

- Creams/Lotions
- Make-up
- Moisturizers
- Sun Care

### Benefits:

- ease of use
- slick feel without tack
- lighter feel
- moisturizing
- transfer resistant for long wear products
- An emollient with good Spreadability, Dispersability and Compatability

### Product Specifications:

Appearance @ 25<sup>o</sup>C  
Thick Gel

Refractive Index @ 25<sup>o</sup> C  
1.41 – 1.45

Viscosity, cps @ 25<sup>o</sup> C  
(Brookfield HB, Sp.#H2, @ 100 rpm):  
200 – 1,000

### General Handling and Storage:

- Store in Clean, Dry Area
- Ambient Room Temperature
- Avoid Freezing

### Standard Packaging

Drum: 450 Lbs. Net Wt.  
Pail: 40 Lbs. Net Wt.

## Suggested Formulation

### Face/Body Lotion Formulation J5-55B

The Jeelux<sup>®</sup> VHIPP is a light ester/silicone combination that can substitute for volatile solvents while still providing a very dry but velvety slip.

Phase	Ingredients	INCI Nomenclature	%
A	Jeelux <sup>®</sup> DMC 19	PEG/PPG-18/18 Dimethicone	2.0
A	Jeechem <sup>®</sup> GMS-165	Glyceryl Stearate/PEG-100 Stearate	4.8
A	Jeenate <sup>®</sup> 2H	Polyethylene	4.8
A	Jeelux <sup>®</sup> VHIPP	Isododecane, Isopropyl Palmitate, Bis-Vinyl Dimethicone/Dimethicone Copolymer	29.6
B	Glycerin	Glycerin	5.7
B	Water	Water	51.2
B	Jeecide <sup>®</sup> CAP-5	Phenoxyethanol, Caprylyl Glycol, Hexylene Glycol, Potassium Sorbate	0.8
B	Xanthan Gum	Xanthan Gum	1.1

### Procedure:

- 1) Mix Phase A and heat to 70 – 75°C
- 2) In a separate vessel mix Phase B and heat to 70 – 75°C
- 3) Add Phase B to Phase A and mix
- 4) Cool to room temperature while mixing

**You Can Count On Us!**

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