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Formulating with JEESILC[®] Silicone Gels:
Featuring: **JEESILC[®] PS-DMLV**



The JEESILC[®] line! The latest in our Patented Specialty Silicone Series of Quality Ingredients!

Product Description

JEESILC[®] PS-DMLV

*INCI: Dimethicone, Bis-Vinyl
Dimethicone/Dimethicone Copolymer*

JEESILC[®] PS-DMLV has the highest refractive index of all the PS Ingredients. This product provides a gloss that will bounce back again and again for lip applications. The substantivness of JEESILC[®] PS-DMLV is sure to boost the film integrity of your formulation, doing so without a drying effect. This film will create a 'moisture barrier' that will keep the skin hydrated, while imparting a conditioning feel. JEESILC[®] PS-DMLV is a clear, non-volatile, viscous liquid with a high concentration of Bis-Vinyl Dimethicone/Dimethicone Copolymer.

Have peace of mind when you formulate! JEEN holds application patents for all ingredients utilizing Bis-Vinyl Dimethicone/ Dimethicone Copolymer, you have the freedom to formulate without infringing on application patents by your competition. Use this silicone polymer to increase the viscosity of non-polar solvents, thus enhancing the feel and spreadability. The linear, non-crosslinked nature of the unique Copolymer leads to one of the key benefits-ease of incorporation into the oil phase of emulsions without high shear agitation.

Applications

- Color Cosmetics
- Sun Care
- Hair Care
- Skin Care

Benefits

- Patented, Non-Crosslinked Polymer allows freedom to formulate
- Uniform spread with no balling upon application
- Non-Volatile Gel delivers Silky, Smooth finish
- Low Viscosity Gel allows ease of use for less formulation and production time

Product Specifications:

Appearance @ 250C
Clear to Light Straw Liquid

Viscosity, cps @ 25° C
(Brookfield LVT, Sp.#4, @ 0.6 rpm):
7,000 – 15,000

General Handling and Storage:

- Store in Clean Dry Area
- **Ambient Room Temperature**

Standard Packaging:
400 lb Drum (181.43 kg)
33 lb Pail (14.96 kg)

Suggested Formulation

Soft Skin Facial Cleanser J1/13B

	Ingredient	INCI Nomenclature	%
A	DI Water	Water	87.9
B	Carbopol Ultrez 10	Carbomer	0.5
C	TEA 99%	Triethanolamine	0.5
D	Glycerin 99	Glycerin	2.0
E	Intelimer 8600	C8-22 Alkyl Acrylate/Methacrylic Acid Cross Polymer	4.1
F	JEESILC [®] DMC 19-3	PEG-12 Dimethicone	0.5
G	JEESILC [®] PS-DMLV	Dimethicone & Bis Vinyl Dimethicone/Dimethicone Copolymer	2.0
H	JEEQUAT [®] CT-29	Cetrimonium Chloride	0.5
I	Botanical's Plus Conditioning Herbal Extract Blend	Arnica (Arnica Montana) Extract & Echinacea (Echnicea Purpurea) Extract & Horsetail Extract & Rosemary Extract	1.0
J	Jeecide CAP-5	Phenoxyethanol & Caprylyl Glycol & Potassium Sorbate & Water & Hexylene Glycol	1.0
Total			100.0

Procedure:

- 1.) Heat water to 75-80C
- 2.) Add Phase A ingredients one at a time to the batch ensuring each is dissolved before adding the next.
- 3.) Cool the batch to 60C. Add Phase B ingredients one at a time to the batch.
- 4.) And Phase C. Allow the batch to cool to RT.
- 5.) Adjust pH with Phase D

You Can Count On Us!..... Clearly your choice for Specialty Polymers.....