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



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

Product Description

JEESILC[®] PS-CMLV

INCI: Cyclopentasiloxane, Bis-Vinyl Dimethicone/Dimethicone Copolymer

JEESILC[®] PS-CMLV is a volatile, viscous liquid with a high concentration of Bis-Vinyl Dimethicone/Dimethicone Copolymer. Condition the skin and provide a glossy finish while maintaining a light feel. JEESILC[®] PS-CMLV will boost film integrity without leaving the skin feeling tacky and heavy. This thin film matrix will maintain moisturization and enhance elasticity in your formulations. JEESILC[®] PS-CMLV is a gelled version of Cyclopentasiloxane that combines a lighter feel with high gloss and substantivity.

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. 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
- AP/DEO
- Skin Care

Benefits:

- Provides Enhanced Film Properties to Skin and Hair
- Delivers a Non-Volatile, Regenerating, High Gloss with Extended Wear Profile
- Offers an Elegant, Rich Feeling Film

Product Specifications:
Appearance @ 25°C:

Clear to Light Straw Colored Viscous Liquid

Viscosity,cps @ 25°C
7,000 – 15,000

Color (Gardner)
1.0 Max.

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	36.2
A	Glycerin	Glycerin	3.0
B	Jeelate ES-270	Sodium Lauryl Sulfate 70%	10.0
B	Jeeteric CDX-38	Disodium Cocoamphocarboxy Glycinate	6.0
B	Jeeteric CAB-LC	Cocoamidopropyl Betaine	6.0
B	Jeemate 6000 DS	PEG-150 Distearate	0.4
B	Jeechem EGMS	Glycol Stearate	1.0
C	Structure Plus (20% aq)	Acrylates, Aminoacrylates, C10-30 Alkyl PEG-20 Itaconate Copolymer	5.0
C	DI Water	Water	10.0
D	Citric Acid (10%)	Citric Acid	5.0
E	Celquat SC-230M (2% aq)	Polyquaternium-10	4.5
E	Celquat SC-240C (2% aq)	Polyquaternium-10	4.5
F	Jeelate PS-CMLV	Cyclopentasiloxane, Bis-Vinyl Dimethicone/Dimethicone Copolymer	1.0
F	Jeecide CAP-5	Phenoxyethanol, Caprylyl Glycol, Potassium Sorbate, Water, Hexylene Glycol	1.0
G	Matrixyl 3000	Glycerin & Water & Butylene Glycol & Carbomer & Polysorbate-20 & Palmitoyl Oligopeptide & Palmitoyl	2.0
H	Jeechem FS-102	Hexylene Glycol, PEG-25 Hydrogenated Castor Oil, PEG-40 Hydrogenated Castor Oil	0.2
H	Fragrance	Fragrance	0.2
I	FD&C #40 (0.2%)	FD&C #40	q.s
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.) Add 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.....