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Exfoliating Skin Treatment Lotion Formulation J1/83A

JEESILC® IDD is a high-molecular weight silicone polymer which deposits on the skin a breathable film that allows air to pass but entraps skin moisture reducing its TEWL (Trans Epidermal Water Loss) and allows for enhanced, long-term moisturization.

JEESILC® 6056 is a 60% active silicone emulsion of a dimethyl polysiloxane gum. It provides a silky feel to the product and has excellent film forming properties. The microbiological integrity of this product is protected with a non-paraben preservative –

JEECIDE® CAP-5.

Phase	Ingredients	INCI Nomenclature	Supplier	%
A	Deionized Water	Water		64.8
A	Keltrol CG	Xanthan Gum	Kelco	0.4
A	JEECHEM® BUGL	Butylene Glycol	JEEN® Int'l	3.0
A	ACB Fruit Mix GT	Water & Saccharum Officinarum (Sugar Cane) Extract & Citrus Medica Limonum (Lemon) Fruit Extract & Pyrus Malus (Apple) Fruit Extract & Camellia Sineris Leaf Extract	Active Concepts	3.0
A	JEESCREEN® Benzophenone 3	Benzophenone 3	JEEN® Int'l	0.1
A	JEECHEM® GMS-165	Glyceryl Stearate (and) PEG-100 Stearate	JEEN® Int'l	3.0
B	JEESILC® IDD	Isododecane (and) Dimethicone Crosspolymer-3	JEEN® Int'l	4.5
B	JEESILC® CPS-211	Cyclomethicone	JEEN® Int'l	8.0
B	JEESILC® PDS-100	Dimethicone	JEEN® Int'l	4.0
C	JEESILC® 6056	Dimethicone (and) Dimethiconol (and) Laureth-4 (and) Laureth-23	JEEN® Int'l	4.0
C	JEECIDE® CAP-5	Phenoxyethanol & Caprylyl Glycol & Potassium Sorbate & Water & Hexylene Glycol	JEEN® Int'l	1.0
C	Arnica Extract	Arnica Montana	Botanicals Plus!	2.0
D	JEESORB® L-20	Polysorbate 20	JEEN® Int'l	1.0
D	Vitamin E Acetate	Tocopheryl Acetate	JEEN® Int'l	0.5
D	Fragrance B2501	Fragrance	Carrubba	0.2
E	Sepigel 305	Polyacrylamide and C13-14 Isoparaffin and Laureth-7	Seppic	0.5

Procedure:

- Heat water to 65°C. Pre-mix Butylene Glycol and Keltrol and add to the water phase. Mix until dissolved. Add the other ingredients of Phase A one at a time and mix well. Cool to 50°C.
- In the oil phase tank, add the JEESILC® IDD, JEESILC® CPS-211 and JEESILC® PDS-100 and mix until uniform.
- Using a homogenizer, add Phase B to Phase A and mix for 10 minutes. Cool to 40°C. Switch to prop agitation.
- Add the ingredients of Phase C one at a time into the main tank and mix well after each addition.
- Pre-mix Phase D in a side vessel and add to the main tank. Mix well.
- Add in Phase E and mix well.
- Adjust pH to 4.5 – 5.0 with citric acid.

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