Renewing Peel Wash (FW-3)

Peel washes are a fairly new concept to the beauty industry. The gel is massaged into dry skin, upon which small white flakes are formed. This is said to be dead skin, however it is the carbomer coming out of solution, which will provide gentle exfoliation. **SeraSol® SC 85** is easily incorporated into water-based formulations and gives a soft skin feel from rinse-off products.

Raw Material/INCI Name	% w/w	Trade name/Supplier	Function
Aqua (Water)	To 100	-	Vehicle
Lactic Acid	0.87	Lactic Acid 90% EP/Azelis	pH Adjuster
Carbomer	1.50	Carbopol Ultrez 10 Polymer/Surfachem (Lubrizol)	Thickening/Exfoliating
Glycerin	5.00	Surfac G995V/Surfachem	Humectant
PEG-11 Methyl Ether Dimethicone	**1.00**	**SeraSol® SC 85/KCC Beauty**	**Skin Conditioning**
Cetrimonium Chloride	5.00	Incroquat CTC-30/Croda	Cationic Surfactant
Maltodextrin (and) Asphalathus Linearis Leaf Extract	0.10	Neo Actipone Organic Rooibos/Symrise	Antioxidant
PEG-60 Hydrogenated Castor Oil	0.20	HCO-60/Nikko	Solubiliser
Parfum (Fragrance)	0.20	Delicate Blossom/Expressions Parfumées	Fragrance
CI 60730	q.s.	SunCHROMA D&C Violet 2/Azelis (Sun Chemical)	Aesthetics
CI 17200	q.s.	Idacos Red D&C 33 Powder/Lehvoss (Roha)	Aesthetics

Typical Properties

Appearance:	Pale pink, slightly hazy liquid
Viscosity @ 25°C:	10,000 – 15,000cPs (Brookfield RVT, Sp4, 10rpm)
pH @ 25°C:	2.4 – 2.6

Method
Add the water to the vessel.
Lower the pH to 2.5 with the lactic acid.
Disperse the Ultrez 10 into the water.
Add the glycerin and SeraSol® SC 85.
Slowly add the Incroquat, the batch will thicken.
Add the rest of the ingredients in order.
Check pH and viscosity.

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Please note that the above formulation is only intended as a guide. It is not a commercial formulation and has not been tested as such. The formulation should be evaluated and modified for your own requirements before use. Also suggestions of uses should not be taken as inducements to infringe any particular patent.

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