

*Don't
compromise*

UCARE™ Extreme Polymer

DOW



CPF 4309
**Conditioning
shampoo**

Conditioning shampoo (CPF 4309)

Phase	Trade name / supplier	INCI name	Wt. %
A	Calfoam ES-303 / Pilot Chemical	Sodium Lauryl Ether Sulfate (30% active)	30.00
	Deionized water	Water / Aqua	60.00
	UCARE™ Extreme Polymer / Dow	Polyquaternium-10	0.30
	VERSENE™ 220 Crystals Chelating Agent / Dow	Tetrasodium EDTA	0.20
B	Incromide CMEA / Croda	Cocamide MEA	2.00
	Mackam C-37 / Solvay	Cocamidopropyl Betaine (30% active)	7.00
C	Neolone PH100 Preservative / DuPont	Phenoxyethanol	0.50
D	Sodium Chloride	Sodium Chloride	q.s.

Disclaimer: Contained in this package is a sample prepared as per the formulation described on this card.
Any variation in the formulation may cause performance to change.

Processing instructions:

1. Slowly mix phase A ingredients in order listed, ensuring good dispersion between each addition.
2. Start heating to 80°C and add phase B ingredients in order listed. Mix for an additional 10 minutes and then start cooling down to room temperature.
3. When temperature is below 40°C, add phase C ingredient.
4. Add phase D ingredient to adjust final viscosity.
5. Mix for an additional 10 minutes.

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