

BEAUTY ACES

CPF 4299

**DOW**<sup>®</sup>

# Bella Edges

Hair Edge Smoother

## Attributes

- Flexible hold
- Stylability
- Good hair sensory
- Frizz control
- Humidity resistant
- No flaking
- Shine

## Featured products

- DOWSIL™ 556 Cosmetic Grade Fluid
- ACUDYNE™ 1000 Hair Styling Polymer
- ACUDYNE™ 180 Hair Styling Polymer
- DOWSIL™ CB-3046 Fluid
- PuraGuard™ Propylene Glycol USP/EP
- VERSENE™ 220 Crystals



## Bella Edges (CPF 4299)

Phase	Trade name / Supplier	INCI name	% Wt.
A	<b>DOWSIL™ 556 Cosmetic Grade Fluid / Dow</b>	<b>Phenyl Trimethicone</b>	<b>3.00</b>
	Cocos Nucifera (coconut) Oil	Cocos Nucifera (coconut) Oil	2.00
	Brij IC20-70 / Croda	Isoceteth-20	20.00
	Brij O2 / Croda	Oleth-2	5.50
	<b>DOWSIL™ CB-3046 Fluid / Dow</b>	<b>Dimethicone (and) Phenyl Trimethicone (and) Trimethylsiloxysilicate (and) Dimethiconol</b>	<b>5.00</b>
	Argania Spinosa Kernel (argan) Oil	Argania Spinosa Kernel (argan) Oil	0.50
B	Water	Water / Aqua	37.80
	<b>VERSENE™ 220 Crystals / Dow</b>	<b>Tetrasodium EDTA</b>	<b>0.10</b>
	<b>ACUDYNE™ 1000 Hair Styling Polymer / Dow</b>	<b>Acrylates / Hydroxyesters Acrylates Copolymer</b>	<b>9.00</b>
	<b>ACUDYNE™ 180 Hair Styling Polymer / Dow</b>	<b>Acrylates / Hydroxyesters Acrylates Copolymer</b>	<b>4.50</b>
	AMP-Ultra PC 2000 / Angus	Aminomethyl Propanol	1.30
	Glycerin	Glycerin	4.00
	<b>PuraGuard™ Propylene Glycol USP/EP / Dow</b>	<b>Propylene Glycol</b>	<b>6.00</b>
D-Panthenol / DSM	Panthenol	0.50	
C	NEOLONE PH 100 Preservative / DuPont	Phenoxyethanol	0.50
	Coconut and Honey / Givaudan	—	0.30

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.

### Procedure:

1. Combine ingredients of phase A and set aside.
2. In a separate container, mix first four phase B ingredients in order listed using an overhead stirrer until homogeneous, then add slowly AMP-Ultra PC 2000 (neutralizer, solution will turn clear). Neutralizer level will be dependent on product solids and acidity number for the ACUDYNE™ polymers. Recommendation to neutralize to 80%.
3. Add the remaining ingredients of phase B while mixing.
4. Heat phase A and B in their respective containers to 70°C.
5. Once at 70°C, add phase B to phase A slowly while mixing. Solution will begin to thicken.
6. Continue mixing and begin cooling to 45°C.
7. Once the temperature is at 45°C add phase C ingredients.
8. Pour formulation into packaging while still warm.
9. Formula will begin to gel overnight.

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