



## Hair Treatment Mask

### DUPONT™ GLYPURE® 70%

- > Makes hair significantly less prone to breakage
- > Promotes manageability of hair
- > Softens hair
- > Provides moisturizing effect
- > Reduces flaking and drying of the scalp
- > Moisturizes the scalp

### AMP ULTRA PC 2000

- > High humidity curl retention (HHCR)
- > Hair washability
- > Product stability
- > Global compliant

### DOW CORNING® 2-8566

- > Provides smooth feel to dry hair
- > Eases wet and dry combing
- > Decrease fly away
- > Bring long lasting conditioning without build up
- > Protect hair from heat damage

### DOW CORNING® HMW 2220 NON IONIC EMULSION

- > Facilitates dry combing
- > Improves hair glide
- > Improves smoothness
- > Provides ease of styling/pliability
- > Provides slipperiness
- > Reduces dryness feel: decreases
- > Fibers friction (better rollability)
- > Ideal to repair heat damaged hair

### DOW CORNING® 2-2078

- > Superior, long-lasting shine
- > Straightening that smoothes curly, frizzy hair
- > Heat protection for hair exposed to hair dryers, curling irons and other harsh heat treatments
- > Enhanced hair strengthening benefits to help prevent damage and breakage

### NELONE™ PE

- > Broad spectrum antibacterial activity with enhanced control of fungi
- > Effective alternative to formaldehyde donors and parabens
- > Easy to use liquid
- > Effective at low use levels
- > Excellent stability in a variety of matrices over a wide range of pH (2 to 12) and temperatures

## Ingredients

Phase A	WT %	INCI	Supplier
DI Water	70.25	DI Water	Univar
Versene™ 100	0.05	Tetrasodium EDTA	Dow Chemical
Cellose HEC QP-4400 H	1.50	Hydroxyethyl Cellulose	Dow Chemical
Phase B			
Ammonyx® Cetac C 30	0.50	Cetrimonium Chloride	Stepan®
Phase C			
Alkont BE 3165	1.00	Glyceryl Stearate (and) PEG-100 Stearate	Oxiteno
Cetearyl Alcohol 70/30 blend	3.50	Cetearyl Alcohol 70/30 blend	Peter Cremer
Dow Corning® 2-8566	1.00	Amodimethicone	Dow Corning®
Dow Corning® 2-2078	2.00	Aminopropyl Phenyl Trimethicone	Dow Corning®
Phase D			
DI Water	10.00	DI Water	Univar
Glypure® 70%	4.00	Glycolic Acid 70%	Dupont™
AMP Ultra PC 2000	1.50	2-Amino-2-methyl-1-propanol	Dow Chemical
Phase E			
Dow Corning® HMW-2220 Non-Ionic Emulsion	3.30	Divinyldimethicone/Dimethicone Copolymer (and) C12-13 Pareth 3 (and) C12-13 Pareth-23	Dow Corning®
Phase F			
Neolone™ PE	1.20	Phenoxyethanol (and) Methylisothiazolinone	Dow Chemical
Nectarin & Ginger 0811-0466	0.20	Fragrance	Alpha Aromatics®

## Procedure

- Combine phase A ingredients and mix until well dispersed and a thick gel is obtained.
- Add phase B to phase A while mixing, then heat to 70°C.
- Combine phase C in a separate container and heat to 70°C until completely melted.
- Add phase C to AB and mix at 800-1000 rpm for 5 minutes.
- Pre neutralize Glycolic Acid in a separate container to pH -3.50.
- While mixing slowly, cool batch down to 40°C then add phase D.
- Add phase E while mixing.
- Add phase F and mix well.

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