

Anti-pollution Conditioner

with N-DurHance™ AA2000
#C-H-18081-AN

Anti-pollution
conditioner



protecting hair from
environmental impact



providing long lasting
hair damage repair and
restores hair to its natural
hydrophobic state



hair feeling not dull or
dirty

ingredients

N-DurHance™ AA2000

a new unique conditioning polymer to help restore, repair, and rejuvenate hair and provide excellent hair pollution protection.

typical properties

description: viscous white cream

pH: 3.5 – 4.5

viscosity: 12,000 – 16,000 cps

(Brookfield RVT 6/20rpm/2minutes @ 25°C)

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ingredients (trade name INCI)		% w/w	supplier
phase a			
Deionized Water	Aqua	86.50	Local
Natrosol™ 250HHR PC	Hydroxyethylcellulose	0.60	Ashland
Disodium EDTA	Disodium EDTA	0.10	Local
Varisoft BT 85	Behentrimonium Chloride	3.00	Evonic
Glycerin	Glycerin	1.00	Local
phase b			
Cetearyl Alcohol	Cetearyl Alcohol	5.00	Emery
Glyceryl Stearate	Glyceryl Stearate	1.50	Local
Isopropyl Myristate	Isopropyl Myristate	0.50	Local
phase c			
N-DurHance™ AA2000	Acrylamidopropyltrimonium Chloride/Acrylamide Copolymer	1.00	Ashland
Liquid Germall® Plus	Propylene Glycol (and) Diazolidinyl Urea (and) Iodopropynyl Butylcarbamate	0.50	Ashland
D-panthenol	D-panthenol	0.30	Local
total		100.00%	

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procedure

1. Phase A: Disperse Natrosol 250HHR PC in cold water under agitation and heat up to 80°C, continue mixing until fully dissolved. Add rest of the ingredients and mix until uniform.
2. Phase B: Heat the ingredients up to 80°C. Add the phase B to Phase A, homogenize at 80°C for 2min.
3. Phase C: Lower temperature to below 45°C. Add ingredients of phase D in order and mix until uniform, continue mixing and cool further below 30°C.
4. Correct for water-loss which may have occurred during the heating cycle.

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