

Styling cream with Eastman AQ™ 55S polymer

This styling cream with Eastman AQ 55S polymer provides flexible hold that is easy to comb out with no flaking. All ingredients are added to one pot.

| Part | Product name | Wt% | Ingredient/INCI name | Manufacturer |
|------|-------------------------|-------|----------------------|-------------------|
| A | Deionized water | 93.45 | Water (aqua) | — |
| | Triethyl citrate | 0.05 | Triethyl citrate | Spectrum Chemical |
| | Carbopol® 980 | 1.0 | Carbomer | Lubrizol |
| | Eastman AQ™ 55S polymer | 3.0 | Polyester-5 | Eastman |
| | EDETA® BD | 0.05 | Disodium EDTA | BASF |
| | Preservative | q.s. | — | — |
| | Triethanolamine | q.s. | Triethanolamine | Spectrum Chemical |

PROCEDURE

1. Combine water and disodium EDTA; heat to 75°C while stirring.
2. At 75°C, add Eastman AQ 55S polymer pellets and turn off heat. Continue stirring until pellets are completely dispersed.
3. Cool to about 40°C. Add triethyl citrate while stirring.
4. When mixture reaches room temperature, sprinkle in carbomer with rapid stirring.
5. Add preservative after carbomer has completely dissolved.
6. Continue stirring until homogeneous.
7. Adjust pH to 6.5–7.0 with triethanolamine.



Eastman Corporate Headquarters
P.O. Box 431
Kingsport, TN 37662-5280 U.S.A.

U.S.A. and Canada, 800-EASTMAN (800-327-8626)
Other Locations, +(1) 423-229-2000

www.eastman.com/locations

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