

Antiaging formulation—with Eastman GEM™ retinyl linoleate

| Part | Ingredient/INCI name | Wt% | Product name | Manufacturer | Function |
|------|--|------|--------------------------------|--------------------|--------------|
| A | — | 60.9 | Water | — | — |
| | Cetearyl alcohol (and) sodium cetearyl sulfate | 6.0 | Kolliphor® CS A | BASF | Emulsifier |
| | Propanediol | 10.0 | Zemea® | DuPont Tate & Lyle | Solvent |
| | Betaine | 1.0 | Genencare® OSMS BA | DuPont | Active |
| B | Ethylhexyl palmitate | 20.0 | 2-Ethylhexyl palmitate | — | Emollient |
| | Retinyl linoleate | 0.1 | Eastman GEM™ retinyl linoleate | Eastman | Active |
| C | Acacia senegal gum | 1.0 | KerrPoly GA | Kerry | Polymer |
| D | Caprylhydroxamic acid (and) caprylyl glycol (and) glycerin | 1.0 | Spectrastat™ | Inolex | Preservative |

Procedure

1. Heat and mix part A until uniform and fully melted/dispersed.
2. Remove heat, and propeller stir at medium speed.
3. Add part B with medium stirring when part A reaches 45°C or below.
4. Add part C with propeller stirring.
5. Add part D with propeller stirring.



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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