COLD MIXING HAIR CONDITIONER

820

STEPANQUAT® ML provides an excellent wet and dry combability in this formulation.

INGREDIENTS:

=== Phase 1 ===
Deionized Water
Structure ZEA (National Starch & Chemical Company) Hydroxypropyl Starch
Phosphate
STEPANQUAT® ML
Lipocol L (Lipo) Lauryl Alcohol
Glycerin

=== Phase 2 ===
Sodium Hydroxide, 50% solution
Citric Acid, 50% solution
Preservative, Dye, Fragrance

% by Weight

q.s. to 100.0
5.0
2.11
2.5
0.5

q.s.
q.s.
q.s.

100.0

Procedure
Into a vessel equipped with agitator, add water in Phase 1. Start mixing. Into the vortex, sprinkle in item #2. Add item #3. When dispersed, add item #4. If not homogeneous, heat to 25-27ºC. Mix well. Add item #5 and mix well.

Physical Properties
pH at 25ºC
3.5 - 4.5
Appearance at 25ºC
Opaque lotion
Storage/Stability
6 months at 25ºC
Stable
3 months at 42ºC
Stable
2 months at 50ºC
Stable

Instructions for Use
Shampoo hair, apply conditioner and rinse.

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STEPANQUAT®

For applications or product handling assistance, call our Technical Service Department at 1-800-745-7837 (U.S.) or 011-334-76-505-100 (Europe).
For ordering assistance, call our Account Service Department at 1-800-457-7673.

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