

# Actera



## Brightening Hand Cream

Formulation #08-220

This lightweight, fast-absorbing hand cream features **TXVector™**, a next generation bioactive that prevents and soothes both redness and dark spots. **TXVector™** is a smart delivery form of tranexamic acid, allowing for permeation into deeper layers of skin, and also works as a primary emulsifier.

Phase	INCI	Trade Name	%
	Deionized Water		Q.S.
	Cetyl Tranexamate Mesylate	<b>TXVector™</b>	2.0
	Glycerin		10.0
A	Propanediol		3.0
	Behentrimonium Chloride		1.0
	Caprylyl Glyceryl Ether (and) Glycerin	<b>Glyoshield™</b>	0.5
	Arginine		0.3
	Caprylic/Capric Triglyceride		8.0
B	Stearic Acid		3.0
	Cetearyl Alcohol <sup>1</sup>		2.0
C	Citric Acid (or) Sodium Hydroxide		QS pH ~ 4.5
		Total	100.0

### Procedure

1. Add water into the main vessel, sift in TXVector and allow to disperse under high shear mixing until clump free.
2. Add the remainder of Phase A and heat to 80-85°C.
3. In a separate vessel, combine Phase B and heat to 80-85°C.
4. Add Phase B to Phase A and mix under high shear. Allow to cool to RT.
5. Below 30°C, adjust pH using Phase C.

### Physical Properties

pH = 4.57      Viscosity = 11,600 cP      Appearance: White emulsion

### Stability

Passed 12 weeks at RT and 40°C and 3 cycles F/T

### Use Instructions

Apply a dime sized amount to dry skin as needed.

### Intended Packaging

Pump, Airless Pump, or Tube

1. Cetearyl Alcohol 30/70 NF