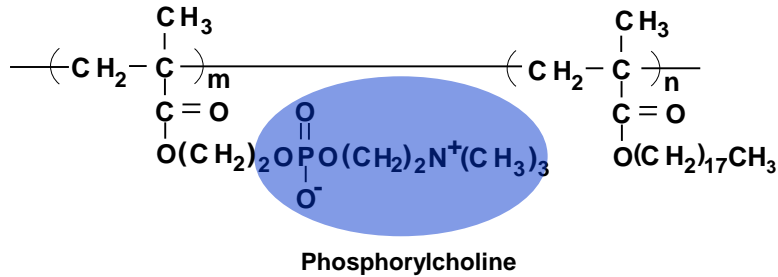


Lipidure[®]-NA

Chemical Structure



Product

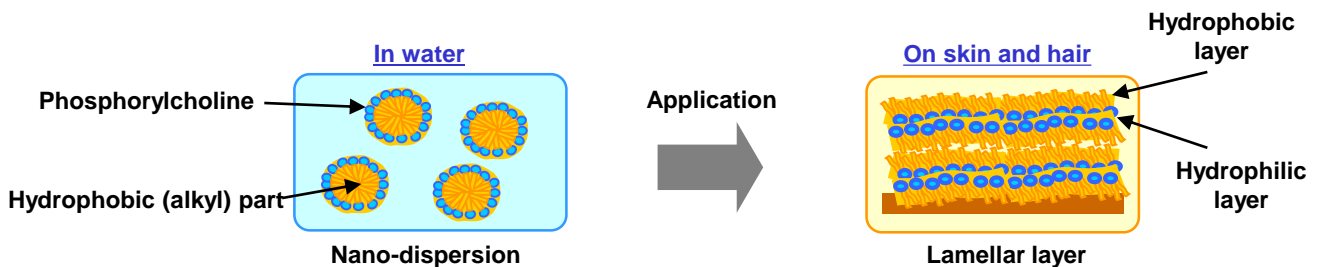
<Form>

1% Polymer aqueous dispersion with cationic surfactant

<INCI & Composition>

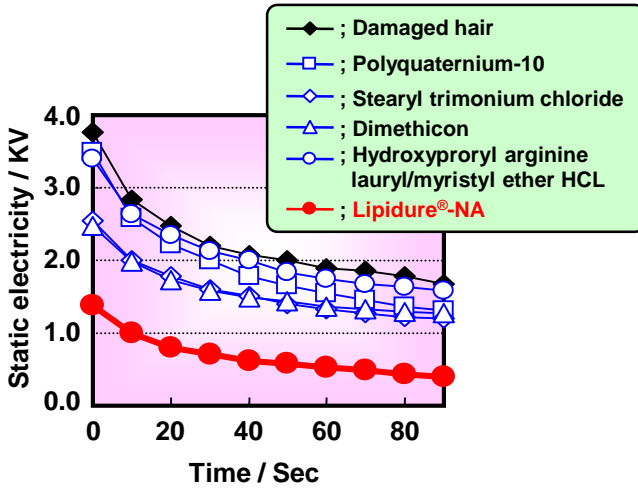
Polyquaternium-61	;1.0%
Butylene glycol	;9.5%
Glycerin	;9.5%
PCA Ethyl cocoyl arginate	;0.25%
Water	;79.75%

Feature



- ✓ Suppression of charging static electricity
- ✓ Hair restoration (hydrophobic modification)
- ✓ Protection of hair discoloration

Suppression of static electricity

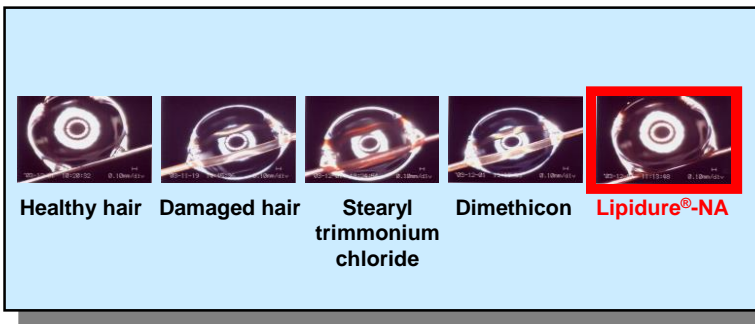


Method

- (1) Immerse damaged hair in the solution containing the ingredients shown in the figure
- (2) Rinse each treated hair off with water and dried it
- (3) Measure static electricity of each treated hair

Static electricity suppressed!!

Hydrophobization of hair surface



Method

- (1) Immerse damaged hair in the solution containing the ingredients shown in the figure.
- (2) Rinse each treated hair off with water and dry it
- (3) Place 1 μ L of water on each treated hair and observe wettability on each treated hair under hyper microscope

Restored to healthy state!!

Protection of hair discoloration



Initial color None treatment (Water) **Lipidure®-NA treatment**

Method

- (1) Dye white hair to brown with a commercial hair color product
- (2) Immerse dyed hair in Lipidure®-NA suspension and water, and rinse each treated hair off with water and dry it
- (3) Shampoo each treated hair with an anionic surfactant and rinse it off with water 10 times
- (4) Take photos of each treated hair

Discoloration suppressed!!