

Distearyldimonium Chloride

INCI Name: Distearyldimonium Chloride

CAS Numbers: 107-64-2



Description:

Distearyldimonium chloride has a great softening effect, anti-static effect, and smoothing effect. It is vegetable based and has high substantivity. Although it is primarily used in hair conditioners, it is also found in many skin creams because of its moisturizing and smoothing properties. The positive charges in distearyldimonium chloride react with the negatively charged proteins on the skin and don't completely rinse off or become absorbed. This leaves a silky coating that leaves the skin feeling smooth.

Technical Data:

APPEARANCE @ 25°C:	Off-white powder
COLOR (GARDNER):	3.0 MAX
pH (10% Aq. Sol.):	7.0 – 8.0
FREE AMINE (%):	2.0 MAX
ACTIVITY (%):	93 MIN
MOISTURE (%):	4.0 MAX
ISOPROPANOL (%):	0.5 MAX
SODIUM CHLORIDE (%):	0.15 MAX

Applications:

Used in hair care products, primarily shampoos and conditioners, and also in skin care as a moisturizer.



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