



Cola[®] Quat HSDC

CTFA/INCI: Hydroxypropyl Bisstearyldimmonium Chloride

CAS #: 118516-73-7

Chemical Name: 2-Hydroxypropylene-bis-1,3-(dimethylstearyl ammonium chloride)

DESCRIPTION

This bisquaternary ammonium compound should be considered in hair and skin care treatment applications. It is more effective than stearyl ammonium chloride and in many applications, better than polymeric quats.

FEATURES

- Mild, low irritation
- Substantive to hair
- Controls hair fly-away
- Substantially reduces dry-comb friction

TYPICAL PROPERTIES

Boiling Point, °F	180
Solubility In Water at 25 °C	Soluble
Specific Gravity at 25°C	0.918
Volatiles, %, By Volume	50
Appearance at 25°C	Opaque Paste
Odor	Alcohol
Flash Point, PMCC, °F	80
Solids at 105°C, 1.5 Hours, %	48.00 – 52.00
pH, 1% Aqueous	4.0 – 6.0
Actives, %	44.00 – 46.00
Appearance at 25°C	Paste
Appearance, Molten	Clear to Slightly Hazy

HEALTH AND SAFETY

Please refer to the Material Safety Data Sheet (MSDS) for this product for instructions on safe and proper handling and disposal.

At a concentration of 10% active, **Cola[®] Quat HSDC** shows low levels of skin and eye irritation. The primary ocular irritation of a 5% solution of **Cola[®] Quat HSDC** after 72 hours is zero. After 72 hours, stearyl ammonium chloride (at an equal active level) has an ocular irritation of 66.3 after 72 hours.

SHELF LIFE

Colonial Chemical, Inc. will endorse the results on the certificate of analysis for a period of up to one year from the date of manufacture for material in original, unopened, properly stored containers. Beyond one year, we recommend the quality of the material be confirmed prior to use, by retesting the certificate of analysis parameters.

LAST UPDATED 09/13/2007

WARRANTY

Colonial Chemical guarantees that its products meet published specifications. No other warranties or guarantees are expressed or implied because the use of this material is beyond the control of Colonial Chemical.

Colonial Chemical, Inc.

www.colonialchem.com

225 Colonial Drive
South Pittsburg, TN 37380

Ph: 423-837-8800
Fax: 423-837-3888



ColonialChemical, Inc.