

SPECIFICATIONS

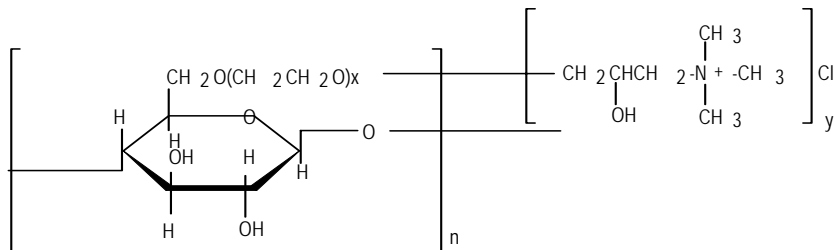


Product Code:

Updated: 01/23/07

RITAQUTA 125 INCI Name Polyquaternium-10

DEFINITION: Ritaquta 125 is a polymeric quaternary ammonium salt of hydroxyethylcellulose reacted with a trimethyl ammonium substituted epoxide. Chemical structure is as follows:



DESCRIPTION: Ritaquta 125 is a free flowing granular powder that can be readily dissolved in water without heating, prolonged stirring, or excessive agitation. Because of its cationic nature, it is substantive to protein substrates. This makes it an excellent hair care additive which provides superb wet combability, good manageability, curl retention and hair setting characteristics. Additionally, it builds viscosity of aqueous solutions, making the use of an auxiliary thickener unnecessary.

GENERAL DATA:

Physical Form @ 25°C
CAS Number

Light yellowish powder
68610-92-4, 53568-66-4, 54351-50-7
55353-19-0, 81859-24-7

SPECIFICATIONS:

Appearance	Light yellowish powder
Odor	Characteristic
Loss on Drying, % (105°C, 2 hr)	6.0 Max.
Ash (NaCl), %	3.0 Max.
Nitrogen, %	1.7 – 2.2
Viscosity (2% aq sol'n @ 25°C)	75 - 175 cps
Water Insolubles, %	0.5 Max.
pH (2% sol'n, 25°C)	5.5 – 6.5
Activity, %	91 Min.
Solids, %	94.0 Min
Particle Size (20 mesh screen)	95% Min

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