

# SPECIFICATIONS

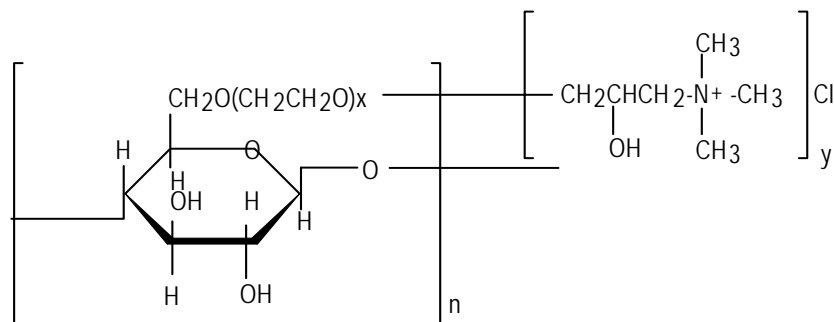


**Product Code:**

**Updated: 6/03/02**

## RITAQUTA 400 INCI Name: Polyquaternium-10

**DEFINITION:** Ritaquta 400 is a polymeric quaternary ammonium salt of hydroxyethylcellulose reacted with a trimethyl ammonium substituted epoxide.



**DESCRIPTION:** Ritaquta 400 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:

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)	300-500 cps
Water Insolubles, %	0.3 Max.
pH (2% sol'n, 25°C)	5.5 – 6.5
Activity, %	91 Min.

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