

SPECIFICATIONS

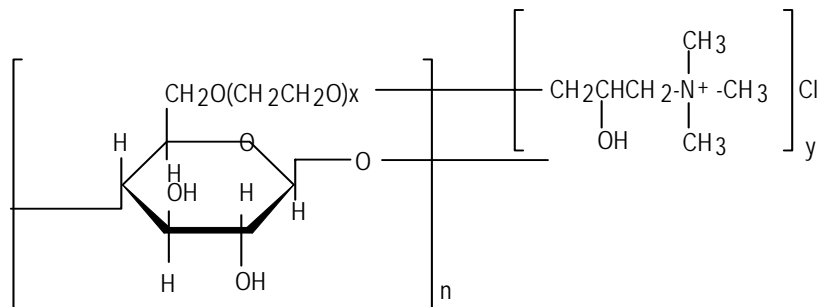


Product Code: 25014

Updated: 04/07/03

RITAQUTA 3000 INCI Name Polyquaternium-10

DEFINITION: Ritaquta 3000 is a polymeric quaternary ammonium salt of hydroxyethylcellulose reacted with a trimethyl ammonium substituted epoxide. Chemical structure is as follows:



DESCRIPTION: Ritaquta 3000 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 (1% solution @ 25°C)	1000 - 2500 cps
Water Insolubles, %	0.7 Max.
pH (2% sol'n, 25°C)	5.5 – 6.5
Activity, %	91 Min.

The information contained herein is to our best knowledge true and accurate, but all recommendations or suggestions are made without guarantee, since the conditions of use are beyond our control. RITA CORPORATION disclaims any liability in connection with the use of these data or suggestions.