

IDENTIFICATION

Chemical Name: GUAR GUM DERIVATIVE
 C.T.F.A./I.N.C.I. Name : GUAR HYDROXYPROPYLTRIMONIUM CHLORIDE
 CAS Number: 65497-29-2

SPECIFICATIONS

Odor
 Extracted Nitrogen, %
 Moisture, %
 pH, Inherent
 Particle Size (150 Mesh)
 Viscosity 2 Hour, Cp
 Gram Negative Bacteria
 Plate Count, cfu/g
 Mold, cfu/g
 Yeast, cfu/g
 Staphylococcus Aureus

RESULTS

Pass
 1.3 – 1.7
 6.0 – 13.0
 9.0 – 11.0
 90.0 Min
 3000 – 4000
 Negative
 500 Max
 100 Max
 100 Max
 Negative

METHOD

FX-127
 FX-082
 FX-129
 FX-035
 FX-085
 FX-084
 FX-094
 FX-094
 FX-094
 FX-094
 FX-094

TYPICAL PROPERTIES

Physical form
 Bulk Density (kg/m³)
 Solubility

Creamy White to Yellow Fine Powder
 700
 Soluble in Water
 Insoluble in Non-Polar Solvent

STANDARD APPLICATIONS

NATERNAL[®] C 14 S is a moderately charged cationic polymer. It provides excellent thickening and conditioning properties for hair and skin care products. Ideal for use in conditioning shampoos, cream rinses, lotions, bath and shower and other personal care products.

Recommended use levels: 0.2 – 0.5%

Note: Viscosity develops immediately after NATERNAL C 14 S has been dispersed into water under stirring and adjusted to a slightly acidic pH (pH = 3.5 – 5.0 with citric acid for example).

STANDARD PACKAGING

NATERNAL[®] C 14 S is available in 25 KG. Valve Bags. Alternative package sizes may be available upon request.

SHELF LIFE

NATERNAL[®] C 14 S has a shelf life of 550 days.

DISCLAIMER

The information contained in this document is given in good faith and based on our current knowledge. It is only an indication and is in no way binding, notably as regards infringement of or prejudice to third parties through the use of our products. SYENSQO GUARANTEES THAT ITS PRODUCTS COMPLY WITH ITS SALES SPECIFICATIONS.

This information must on no account be used as a substitute for necessary prior tests which alone can ensure that a product is suitable for a given use. Users are responsible for ensuring compliance with local legislation and for obtaining the necessary certifications and authorisations. Users are requested to check that they are in possession of the latest version of the present document and SYENSQO is at their disposal to supply any additional information.