

# POLYCARE<sup>®</sup> SPLIT THERAPY

TECHNICAL DATA SHEET NA 90074277 – AUGUST 2017

## PROVISIONAL

### IDENTIFICATION

Chemical Name: GUAR GUM DERIVATIVE  
INCI Name: HYDROXYPROPYL GUAR HYDROXYPROPYLTRIMONIUM CHLORIDE  
CAS Number: 71329-50-5

### SPECIFICATIONS

Appearance  
Viscosity (1% Sol. @ 25C for 60',  
Brookfield RVT #2, 20 rpm) cPs  
Moisture (%)  
pH Inherent  
Particle Size, -150 Mesh  
Mold, CFU/G  
Yeast, CFU/G  
Gram Negative Bacteria  
Plate Count, CFU/G  
Staphylococcus Aureus

### RESULTS

Fine Pale Yellow Powder  
600 - 1200  
5.0 – 12.0  
9.0 – 11.0  
90.0 Min  
100 Max  
100 Max  
Negative  
500 Max  
Negative

### METHOD

Visual  
RP-0881  
RP-0838  
RP-0889  
PS-1-2  
RP-1445  
RP-1445  
RP-1445  
RP-1410  
RP-1445

### TYPICAL PROPERTIES

Odor  
Bulk density (g/cm<sup>3</sup>)  
Soluble in  
Insoluble in

Slight, characteristic  
0.63 approx.  
Water  
Alcohols and oils

### STANDARD APPLICATIONS

POLYCARE<sup>®</sup> SPLIT THERAPY is a natural-based and non-ecotoxic hair repair active. It heals at least 80% of split ends after first use and resists combing and washing. It is easy-to-process and cost-effective while offers flexibility across end-products categories.

Note: Viscosity develops slowly after POLYCARE<sup>®</sup> SPLIT THERAPY has been dispersed into water under stirring. More rapid viscosity development and hydration can be obtained by acidifying to pH = 4-5 (with citric acid for example) after dispersing in water.



For orders or questions, call us at the following numbers or visit us at [www.solvay.com](http://www.solvay.com)

North America  
1-888-776-7337

Europe – Middle East – Africa  
(33) 01 53 56 50 00

Asia - Pacific  
(65) 62 91 19 21

Latin America  
(55) 11 37 47 78 86

## STANDARD PACKAGING

POLYCARE® SPLIT THERAPY is available in 25 KG. Bags. Alternative package sizes may be available upon request.

## SHELF LIFE

POLYCARE® SPLIT THERAPY has a shelf life of 730 days.

### WARNING

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. SOLVAY 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 SOLVAY is at their disposal to supply any additional information.



For orders or questions, call us at the following numbers or visit us at [www.solvay.com](http://www.solvay.com)

North America  
1-888-776-7337

Europe – Middle East – Africa  
(33) 01 53 56 50 00

Asia - Pacific  
(65) 62 91 19 21

Latin America  
(55) 11 37 47 78 86