

# NATERNAL® HP 8 COS SGI

TECHNICAL DATA SHEET NA 90101664 – MAY 2023

## IDENTIFICATION

Chemical Name: GUAR GUM DERIVATIVE  
INCI Name: HYDROXYPROPYL GUAR  
CAS Number: 39421-75-5

## SPECIFICATIONS

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

## RESULTS

6.0 – 12.0  
8.5 – 11.0  
90.0 Min.  
3600 – 4600  
Negative  
1000 Max  
100 Max  
100 Max  
Negative

## METHOD

RP-0838  
RP-0889  
RP-0887  
RP-0891  
RP-1445  
RP-1410  
RP-1445  
RP-1445  
RP-1445

## TYPICAL PROPERTIES

Appearance: Fine, Creamy White Powder  
Odor: Slight, characteristic  
Solubility: Soluble in Water  
Insoluble in Non-polar solvent  
Bulk Density, kg/m<sup>3</sup>: Approximately 700  
Substitution Level: 0.4

## STANDARD APPLICATIONS

NATERNAL® HP 8 COS SGI is a nonionic naturally occurring polymer, sustainably sourced from guar farming villages in Rajasthan part of the "Sustainable Guar Initiative" program lead by Solvay. Optimum thickening effect. Compatible with dilute-alcohol solutions containing up to 30% ethanol. Good compatibility with electrolytes and stability over a large range of pH. Smooth skin feel. Helps stabilize emulsions.

## STANDARD PACKAGING

NATERNAL® HP 8 COS SGI is available in 25 KG. Bags. Alternative package sizes may be available upon request.

## SHELF LIFE

NATERNAL® HP 8 COS SGI has a shelf life of 730 days.

### WARNING

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