



## PRODUCT DATA

### ECOPOL-400S Hydroxypropylated Guar

**DESCRIPTION:** Light yellow color high viscosity hydroxypropyl guar derivative. It exhibits a long flowing rheology, which gives unique styling properties in personal care.

**Specifications:**

Viscosity, 1% (2h)-----	3500 - 5000
Moisture (%)-----	6-10
Odor-----	Pass
pH, 1% as is-----	5.0-7.5
Particle Size %, min. through	
U.S. Mesh 100-----	100
U.S. Mesh 200-----	80
Staphylococcus Aureus-----	Negative
Pseudomonas Aeruginosa-----	Negative
Salmonella-----	Negative
E. Coli-----	Negative
Plate Count -----	500 max

**Applications:** In styling gel it can be used as a primary viscosifier. A use level of 0.5-5.0% is recommended. It is compatible with anionic as well as cationic surfactants. It can be also used as a thickener in creams and lotions. A use level of 0.25 –2.5% is recommended.

**Solution** ECOPOL-400S is easily dispersible. Disperse the polymer into a container  
**Preparation:** of water at room temperature under good agitation. Once the polymer is fully dispersed, full viscosity will develop in 60 minutes without adjusting the solution pH.



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## POLYMERS & CHEMICALS

**Storage:** Product should be stored in a cool, dry place.

**Product Safety:** The polymer is chemically modified natural polysaccharide and is listed in the CTFA Cosmetic Ingredient Dictionary.

Please read and understand the Material Safety Data Sheet (MSDS) before using this product.

**Economy**  
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