



## PRODUCT DATA

### ECOPOL-18S ANIONIC GUAR

Natural Polymer Thickener For Clear as well as Opaque Hair and Skin Systems

**CTFA Nomenclature:** Carboxymethyl Hydroxypropyl Guar

**DESCRIPTION:** Light yellow color medium viscosity carboxymethyl hydroxypropyl guar derivative. It can be used as thickener in skin and hair care systems.

**Specifications:**

<b>Viscosity, 1% (2h)</b>	<b>-----3000 - 4000</b>
<b>Moisture (%)</b>	<b>-----6-10</b>
<b>Odor</b>	<b>-----Pass</b>
<b>pH, 1% as is</b>	<b>-----5.0-7.5</b>
<b>Particle Size %, min. through</b>	
<b>U.S. Mesh 100</b>	<b>-----100</b>
<b>U.S. Mesh 200</b>	<b>-----80</b>
<b>Staphylococcus Aureus</b>	<b>-----Negative</b>
<b>Pseudomonas Aeruginosa</b>	<b>-----Negative</b>
<b>Salmonella</b>	<b>-----Negative</b>
<b>E. Coli</b>	<b>-----Negative</b>
<b>Plate Count</b>	<b>-----500 max</b>

**Applications:** It can be used as a primary viscosifier for hair care and skin Care products. A use level of 0.5-5.0% is recommended.

**Solution** ECOPOL-18S is easily dispersible

**Preparation:** Disperse the polymer into a container of water at room temperature under good agitation. Once the polymer is fully dispersed full viscosity will develop in 60 minutes.

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



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## **POLYMERS & CHEMICALS**

**Product  
Safety:**

The polymer is chemically modified anionic natural polysaccharide

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

**Economy**  
**Polymers & Chemicals**

P.O. Box 450246  
Houston, TX 77245-0246  
USA Toll free: (800) 231-2066  
Phone: (713) 723-8416  
Fax: (713) 723-1845  
URL: [www.EconomyPolymers.com](http://www.EconomyPolymers.com)  
E-mail: [economy@economypolymers.com](mailto:economy@economypolymers.com)