



## PRODUCT DATA

### ECOPOL-M18S Guar Polymer for Mining

#### DESCRIPTION

**ECOPOL-M18S** is a chemically modified guar, which provides excellent benefits for the mining industry. **ECOPOL-M18S** has better flocculating properties than other biodegradable polymers and a moderate molecular weight which makes it excellent for mining applications.

#### TYPICAL PROPERTIES

Appearance	Yellow, Free-flowing Powder
Dispersibility @ 25°C	Excellent
Viscosity, 1% aqueous sol.	3000-4000cps
Brookfield RVT, 20rpm, 25°C	
Moisture, %	6-10
pH, 1% Solution, 60 minutes	5.0-7.0

#### SOLUTION PREPARATION

**ECOPOL-M18S** is easily dispersible and can be incorporated into water without the use of an eductor. Make a 0.5-1.0% concentration by dispersing the powder into a container of cold water with good agitation. Make sure the pH of solution is about 6.0; otherwise, adjust it with citric acid and let it to mix for about 20 minutes. Dilute this solution according to your needs before incorporating in the final formulation. You may also spray **ECOPOL-M18S** directly onto the ore according to your needs (from 0.01-0.1%) and leach the ore with the appropriate solvent.

#### STORAGE

Store in a dry place and keep the container sealed when not in use to prevent the product from absorbing moisture. Material is slippery when wet. Avoid breathing dust, contact with eyes and skin may be irritating.

#### SAFETY

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