



# PRODUCT DATA SHEET

## ECONO-CS35

### High pH Additive for Fracturing Fluids

#### DESCRIPTION

**Econo-CS35** is a liquid caustic used to raise the pH of guar and modified guar activated fracturing fluids. **Econo-CS35** load rates can be altered to provide systems with a pH ranging from 9.0 to 13.0 to meet individual treatment requirements.

#### PHYSICAL PROPERTIES:

<b>Appearance</b>	Clear Liquid
<b>Specific Gravity</b>	1.15
<b>pH (10% solution)</b>	>13.0
<b>Solubility</b>	
<b>Fresh Water</b>	Soluble
<b>15% HCl</b>	Soluble
<b>Hydrocarbon</b>	Insoluble

#### RECOMMENDED USES AND LIMITATIONS:

**Econo-CS35** load rates will vary according to the type of system being utilized, the water source, and the desired system pH. Typically, loadings range from 0.25-1.0 Gallon per thousand gallons. Pilot testing is strongly recommended with the individual fluid system to provide the desired fluid performance and system pH.

#### STORAGE AND HANDLING

**Econo-CS35** is available in 264 and 317 gallon poly totes

#### SHIPPING INFORMATION

DOT SHIPPING NAME: UN1824, Sodium Hydroxide Solution, 8, PG II

This information is provided with the best of our knowledge and belief. It is user's responsibility to satisfy himself as to the suitability of such information for his own particular use. However, no representation, warranty or guarantee is made as to its accuracy, reliability. We do not accept liability for any loss or damage that may occur from the used of this information nor do we offer any warranty against any patent infringement.



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)