



PRODUCT DATA SHEET

ECOPOL-ASC-1

Anti-Sludge, Anti-Corrosion Acid Additive

DESCRIPTION

Ecopol-ASC-1 is a highly effective anti-sludge agent that prevents the formation of iron/asphaltene sludge build-up. **Ecopol-ASC-1** contains nonionic surfactants which deliver superior break times normally within 60 seconds depending upon crude oil characteristics. **Ecopol-ASC-1** delivers superior wetting characteristics and delivers a more efficient stimulation. **Ecopol-ASC-1** also provides excellent corrosion protection when in contact with common oil and gas well steel conduits in acidizing applications.

PRODUCT ADVANTAGES

Ecopol-ASC-1 is a single component non-emulsifier, anti-sludge agent, corrosion inhibitor designed to have excellent compatibility with other acidizing compounds such as iron control agents, and foaming agents, etc. **Ecopol-ASC-1** is designed to be a highly effective non-emulsifier and anti-sludge compound where large amounts of ferric iron are expected to be encountered.

CHEMICAL & PHYSICAL PROPERTIES

Appearance:	Pale Yellow to Amber Liquid
Specific Gravity:	0.896
Appearance/Odor:	Sweet Alcoholic
Ionic Charge:	Non-Ionic

TYPICAL USAGE

Ecopol-ASC-1 is designed to be formulated in hydrochloric acid at a 4-30 gal/1000gal loading for anti-sludge purposes and is designed for use where high concentrations of anionic compounds might be detrimental. **Ecopol-ASC-1** offers a very cost effective and high quality alternative compared to other products.



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
E-mail: economy@economypolymers.com



ECOPOL-ASC-1

CORROSION RATES

Temperature (degF)	HCl Acid Strength (%)	Pressure (atm)	Type Of Steel	Loading Ecopol-ASC-1 (gal/1000gal)	Corrosion Rate (lbs/ft ²) (6 hrs)
100	15	Atmosphere	N-80	4	0.002
150	15	Atmosphere	N-80	12	0.005
200	15	Atmosphere	N-80	16	0.035
200	15	Atmosphere	N-80	24	0.023

*Ecopol-ASC-1 can be used at temperatures above 200°F with the addition of an intensifier, such as formic acid. Always use at least the recommended loading at the listed temperature to prevent unacceptable corrosion rates.

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

This information relates only to the material designated and may not be valid for such material used in combination with any other materials or in any process. Such information is, to the best of our knowledge and belief, accurate and reliable as of the date compiled. However, no representation, warranty or guarantee is made as to its accuracy, reliability or completeness. It is the user's responsibility to satisfy himself as to the suitability and completeness of such information for his own particular use. We do not accept liability for any loss or damage that may occur from the use of this information nor do we offer any warranty against 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
 E-mail: economy@economypolymers.com