



PRODUCT DATA SHEET

ECONO-NHS SULFIDE CRACKING AGENT

DESCRIPTION

ECONO-NHS is a highly concentrated, water soluble sulfide cracking agent designed for application in acidizing treatments. The product rapidly complexes with hydrogen sulfide generated by the acidizing of iron sulfides to control sulfide stress cracking and sulfide corrosion of down hole and surface equipment. **ECONO-NHS** is mildly cationic and non-surface active to provide maximum compatibility with acid corrosion inhibitors and other nonionic and cationic treating systems. While designed for use as a sulfide cracking agent during acidizing treatments, **ECONO-NHS** will remove hydrogen sulfide from any wet gas or aqueous stream.

PRODUCT FEATURES

- Effective Control of Sulfide Stress Cracking
- Non-Surface Active, Water Soluble
- Rapid Reaction for Optimum Performance
- For HCl, HF, Mud & Organic Acids

RECOMMENDED USES AND LIMITATIONS:

ECONO-NHS is most commonly pre-mixed into the acidizing treatment prior to pumping down hole. Typical load rates range from 1 to 3 gallons of **ECONO-NHS** per 1,000 gallons of acidizing treatment. Pilot testing is recommended to assure compatibility with specific treating systems and to optimize load rates for individual treatment needs. When specific hydrogen sulfide concentrations are known the following calculations may be used to determine the optimum loading rate of **ECONO-NHS**.

Gallons of ECONO-NHS in Liquid =
Bbls of Fluid x H₂S (ppm) x 0.00014

Gallons of ECONO-NHS in Gas Stream =
Gas Volume (MMCF) x H₂S (ppm) x 0.00014



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ECONO-NHS

PHYSICAL PROPERTIES:

Form, 70°F	Liquid	Pour Point, °F	-20
Density, (lbs/gal)	9.59	pH, (10% Solution)	9.5-11.0
Solubility			
Fresh Water	Soluble		
15% HCl	Soluble		
Hydrocarbon	Insoluble		
Ionic Charge	Cationic		

STORAGE AND HANDLING

ECONO-NHS is available in 55 Gallon drums, 264 and 317 gallon poly totes

SHIPPING INFORMATION

DOT SHIPPING NAME: Not Regulated

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.



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