



EC-4270

Field Strength Acid Inhibitor

EC-4270 is a field strength high temperature acid corrosion inhibitor specifically designed for use in environmentally sensitive oil and gas well acidizing operations. **EC-4270** does not contain any alkyl phenols, aromatic solvents, quaternaries, or heavy metals.

TYPICAL PHYSICAL PROPERTIES:

Physical State:	Clear Liquid
Density @ 60°F:	7.37 to 7.47 lbs/gal.
Specific Gravity @ 60°F:	0.86 to 0.90
Flash Point (TCC):	50°F
pH:	4 to 6
Pour Point:	<-20°F
Solubility in HCl:	Soluble
Solubility in Aromatic Solvent:	Insoluble
Solubility in Isopropanol	Soluble
Solubility in Kerosene	Insoluble
Solubility in Xylene	Soluble

EC-4270 is effective in all hydrochloric acid concentrations up to 25%. **EC-4270** may be added to the dilution water prior to the addition of concentrated HCl. **EC-4270** is normally utilized in concentrations ranging from 1 to 30 gallons per thousand gallons of acid.

The concentration of **EC-4270** is determined by (1) the type of steel; (2) the downhole treating temperature; (3) the acid type and concentration; and (4) the scheduled contact time of the acid with the steel.