

DESCRIPTION

Ferric hydroxide will begin to precipitate as a voluminous gelatinous material as hydrochloric acid spends and its pH rises above 2.2. To prevent the precipitation of ferric hydroxide in spent hydrochloric acid, a complexing agent and/or a pH controlling agent can be added.

APPLICATION

SFS-06 controls the pH of the spending acid to help prevent the precipitation of the iron in solution in the acid. Normally 10 gals (10 L) **SFS-06** and 50 lbs (6 kg) of SFS-01 are contained in 1000 gals (1000 L) of 15% HCl. Surfactants and mutual solvents can be added to the acid in the normal way. These concentrations can be doubled when treating formations containing Siderite or a high concentration of soluble iron.

SFS-06 can also be used to prepare a retarded acid system by adding 86 gals (86 L) to 925 gals (925 L) of inhibited water. This acid contains no HCl and the reaction rates on steel and formations are very much slower than 15% HCl.

PHYSICAL PROPERTIES

Appearance	Clear colourless liquid
Density	1.06 at 20°C
Flash Point	40°C PMCC

PACKAGING

Supplied in 200L drums or 1000L IBCs

ADDITIONAL INFORMATION

None