

AIC 1001

IRON CONTROL AGENT

Application

Ferric hydroxide causes formation damages and consequently reduces the permeability and is a potential problem during any acidizing treatment. This iron control agent is used in a wide variety of application where iron control is required. **(AIC 1001)** is the most economical and efficient chelating agent for controlling iron and can be used in all acid solutions including 15-28% HCl and HCl-HF systems. It controls Iron ions in the live and spent acid to help preventing the precipitation of iron in the acid solution. The concentrations can be doubled when treating formations containing Siderite or a high concentration of soluble iron. Normal concentration is 5 to 30 gal/1,000 gal (0.5 to 3 Volume percent). Iron control Prevents the precipitation of iron compounds from acid solutions, restoring permeability and therefore fluid production following acid stimulation treatments.

Physical and chemical properties

Item	Description	Properties
1	Physical	Colorless Liquid
2	Odor	mild
3	Solubility in water	Soluble

Features

- (AIC 1001)** is chelating agent iron control agent which is effective in a wide range of acid solutions and down whole temperatures.

Benefits

This additive is used primarily in acid stimulation treatment fluids to prevent precipitation of ferric hydroxide [Fe (III)] as the pH of the fluid rises.

- It is an effective iron-control material.
- It is suited for acidizing associated with disposal and Injection wells where an iron deposit is present.
- System can be used in stimulation of oil and gas producing Wells.
- Soluble in both acid and water
- Compatible with all acid additives
- Easy to mix and handle

Packaging

Drum: 55 gal

