

COMPLETION FLUIDS & ADDITIVES PRODUCT

FERROBAN IRON CONTROL AGENT

Iron Control Products

OVERVIEW

An organic iron reducer and sequestering agent, FerroBan iron control agent is recommended for use in monovalent and divalent brines. It reduces ferric iron to the more preferable ferrous iron, which has a greater stability and solubility at a wider range of pH levels and in a wide variety of fluids. FerroBan iron control agent also maintains iron in solution by chelation, thereby preventing iron hydroxide and sulfide precipitation.

APPLICATIONS

FerroBan iron control agent should be added to the brine, at the suction side of the pump, just prior to pumping the fluid downhole. As a caution, avoid aeration of the fluid during the addition of FerroBan iron control agent.

FEATURES AND BENEFITS

- ▶ Soluble and compatible in seawater, sodium, potassium, calcium and zinc brines.
- ▶ Easily dissolved into brines.
- ▶ Fast acting and effective at low temperatures.

RECOMMENDED TREATMENT

- ▶ The treatment concentration of FerroBan iron control agent is dependent upon the ferric iron concentration as well as the total iron concentration.
- ▶ Recommended treatment rates for FerroBan iron control agent can range from 20 to 105 pounds per 100 barrels of fluid, depending upon the iron concentration. There are other factors that should be considered when determining the optimum treatment rate for FerroBan iron control agent.
- ▶ Consult a TETRA representative for specific recommendations.

SAFETY AND HANDLING

- ▶ Please refer to the product's Safety Data Sheet.

PHYSICAL PROPERTIES

Appearance

Odorless white powder

Incompatibilities

Oxidizing materials, metals, bases

Flash Point

N/A

pH

5.5 - 8.0

Specific Gravity

1.20

Viscosity

N/A

Water Solubility

Soluble

PACKAGING INFORMATION

3 gal pail

32 pails per pallet



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