



Conlen Surfactant Technology, Inc.

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CST-2825 Multi-Purpose Iron Complexing Agent

PRODUCT FEATURES

- * Highly Effective Iron Complexing Agent
- * Eliminates Iron Sludge
- * Excellent for use in ALL ACIDS
- * Eliminates Re-Precipitation
- * Nonionic Organic Compound
- * Compatible with other Additives

PRODUCT DESCRIPTION

CST-2825 is a powerful reducing agent for ferric iron in acids, such as those commonly used in oilwell treating. It is a nonionic organic compound that is compatible with all common acid additives. Reduces acid emulsions caused by iron sludge, and prevents asphaltene sludging caused by dissolved iron during the acidizing process.

RECOMMENDED APPLICATION

CST-2825 is used in oilwell acidizing if ferric iron-induced sludging or ferric-iron reprecipitation is a potential problem. Normal usage levels are 2 to 5 gallons of **CST-2825** per 1,000 gallons of acid. This application of **CST-2825** will rapidly reduce yellow ferric iron to the colorless, soluble ferrous form of iron in hydrochloric acid solutions. **CST-2825** performs in other common oilfield acids as well. The use of **CST-2825** has not been found to interfere with performance of other common acid additives.

TYPICAL PHYSICAL PROPERTIES

Form, @ 70°F	Liquid
Density, (lbs/gal)	10.8
Flash Point, °F (TCC)	>200
Pour Point, °F	<20
pH, (10% Solution)	1.0-3.0
Ionic Charge	Nonionic
Solubility	
Fresh Water	Miscible
High TDS Brine	Miscible
Hydrocarbon	Insoluble
Acid	Soluble

SHIPPING AND HANDLING

CST-2825 is available in 55 gallon drums and bulk tank wagons. As with any individual chemical, avoid prolonged contact with skin. In case of skin or eye contact, flush exposed area with copious amounts of water. A material safety data sheet outlining proper handling of this product is available upon request, or will be forwarded upon the purchase of **CST-2825**.

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