

CITRIC ACID



CITRIC ACID (C₆H₈O₇) is a multi-purpose weak organic acid used as a pH controller and preservative.

Application

CITRIC ACID can be used to control the pH of mud systems by reducing the alkalinity of the system. In low concentrations CITRIC ACID acts as a preservative in biodegradable systems, slowing the onset of degradation and fermentation. CITRIC ACID in the proper concentrations can facilitate cross linking in polymer systems.

Advantages

- Non-toxic
- Effectively reduces the pH and hardness of mud systems
- Preserves biopolymer systems

Typical Usages

Typical Amounts of CITRIC ACID Added to freshwater		
Drilling Application	lb/bbl	kg/m ³
pH control	0.1 - 0.2	0.2 - 0.5

Properties

Physical Appearance	White granules; odorless
Specific Gravity	1.665 @ 20°C
Solubility	Soluble
pH	2.2 (0.1 N solution)

Packaging

CITRIC ACID comes in 50lbs (22.7kg) bags with 48 bags/pallet