



Product Information

Citric Acid

GENERAL DESCRIPTION

Citric Acid ($C_6H_8O_7$) is a multi-purpose weak organic acid which is widely used in oilfield completion and stimulation operations.

FEATURES AND BENEFITS

Citric Acid is relatively non-corrosive and is biodegradable.

Citric Acid can also aid in reducing water requirements and in retarding of oilwell cements.

Citric Acid is widely used in oilfield completion and stimulation operation as an iron sequestrant. It can also be used in pH adjustment of drilling fluids, completion fluids and industrial oilwell waste fluids.

RECOMMENDED TREATMENT

The recommended amount would be based initially on pilot testing in order to achieve the recommended pH value.

The general range of product used is from 0.5-3.0 kg/m³.

TYPICAL PHYSICAL PROPERTIES

Appearance	white crystals, no odour
Specific Gravity	1.665
pH (0.1 N sln)	2.2
Melting Point	153°C
Toxicity	LC 50 = N/A TLV = N/A
WHMIS Controlled	Class D-2(B)

Transportation of Citric Acid is not restricted by any regulatory agency.

HANDLING

Keep closed, labeled container in ventilated area. As with all organic material, caution is advised when storing near strong oxidizing agents, alkali metals or strong bases.

Refer to the Material Safety Data Sheet (MSDS) for this product prior to use.

AVAILABILITY

Citric Acid is packaged in 25kg (55lb) multi-wall export quality paper sacks and is available from HiTech Fluid Systems Ltd.