

## CITRIC ACID

P1624.9905

WBM Drilling

### Product Description

CITRIC ACID is used for treating cement contaminated in water based drilling fluids.

### Features and Benefits

Mix CITRIC ACID through the chemical barrel or rig hopper.

### International Shipping References

Transportation of CITRIC ACID is not restricted by any regulatory agency.

### Safe Handling Recommendations

Utilize normal precautions for employee protection when handling chemical products. Utilize appropriate respirator, gloves, goggles and apron. Refer to the Material Safety Data Sheet (MSDS) for this product prior to use.

### Typical Physical Properties

- Physical State: Solid
- Max Temperature: 302
- Reservoir Compatible: Non-Reservoir
- Category: Commercial
- Sub Category: Acids
- Product Tier: Regular
- SG value: 1.542
- Appearance: White crystalline material
- pH (5% solution): 1.7 - 2.7
- Bulk Density Kg/m<sup>3</sup>: 900 -1050

### Product Function

CITRIC ACID controls cement contamination effectively without a detrimental effect on the polymeric materials in the drilling fluid system.

### Recommended Treatment

Normal concentration is 0.8–3.0 lb/bbl (2.28–8.56 kg/m<sup>3</sup>) and subsequent additions should depend upon the severity of contamination.

### Standard Packing

CITRIC ACID is packaged in 25 kgs high density polyethylene sack or multiwall paper sack with a polyethylene liner.

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