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Product Information Bulletin

CTI-137

Scale Inhibitor

DESCRIPTION:

CTI-137 is a high-calcium tolerant phosphonate scale inhibitor intermediate. CTI-137 is extremely tolerant to high Calcium brines. Generally, phosphonate scale inhibitors will tend to form Calcium Phosphate when injected into produced waters containing more than about 6,000 mg./L. of Calcium. However, CTI-137 has been observed to tolerate up to 45,000 mg./L. of Calcium without precipitating out of solution. CTI-137 is primarily intended for Calcium Carbonate inhibition, CTI-137 also shows activity inhibiting Calcium Sulfate scale, and some performance inhibiting Barium Sulfate.

PHYSICAL PROPERTIES:

Density (Lbs./Gal)	10.292
Specific Gravity @ 60°F	1.24
Flash Point (TCC)	200°F
Pour Point	-20°F
PH	App. 7.0
Ionic Charge	Anionic

SOLUBILITY:

Fresh Water	Soluble
High TDS Brine	Soluble
Isopropanol	Dispersible
Diesel Oil	Insoluble
Heavy Aromatic Solvent	Insoluble

HANDLING PRECAUTIONS:

For information regarding safety precautions in handling, health hazards, and exposure, please refer to the material safety data sheet for this product. In case of emergency, please call (956) 683-8022.

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