

PSI-102

SCALE INHIBITOR

Phosphonate Scale Inhibitor

Description PSI-102 inhibits the formation of calcium sulfate, barium sulfate and calcium carbonate scales. The unique chemistry of PSI-102 makes it tolerant to high concentrations of dissolved solids and calcium, and effective in concentrated brines. PSI-102 is used in the spearhead of acid and frac treatments. PSI-102 will prevent damaging and production-robbing scale deposits in producing wells by batch, continuous or squeeze treating. PSI-102 is temperature stable and is effective at low doses.

Properties	Form:	Liquid	Chemical Family:	Organic Acid
	Color:	Colorless	Solubility:	Water, Brines
	Odor:	None To Slight	Weight:	8.63 lb/gal
	Charge:	Anionic	Flash Point:	None
	Freeze Point:	<0°F		

Application PSI-102 is used in the spearhead of an acid or frac treatment at 0.5-1.0 gal/1000 gal of spearhead fluid. For continuous treatment of a producing well, a concentration of 100-500 ppm should be maintained.

Compatibility PSI-102 is anionic. It is generally compatible with nonionic and other anionic materials. Care should be taken when using with cationic additives. In case of doubt, a compatibility test is recommended.

Handling PSI-102 is a flammable liquid. Store away from heat, sparks and open flames. Keep drum tightly sealed. Do not get in eyes, on skin or clothing. Avoid breathing vapors. Wear appropriate personal protective equipment. Provide ventilation. Refer to the Material Safety Data Sheet (MSDS) for handling and hazard data.

Packaging PSI-102 is available in 55 gallon drums.