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## Product Information Bulletin CTI-490

### DESCRIPTION:

**CTI-490** is an aqueous solution of an alkyl amine along with other proprietary ingredients which is used to prevent precipitation of sodium chloride crystals from high chloride brines.

**CTI-490** may be applied over the wide range of temperatures and pressures which are typically found in producing oil and gas wells with little to no impact on performance. It accomplishes this by poisoning the nascent crystal, thereby impeding further crystal growth and precipitation from solution. This mechanism allows for higher dissolved salt content in the water phase, which promotes resolubilization of existing salt deposits. This, in turn, eliminates salt buildup on down hole tubular goods, as well as surface equipment, such as meter runs, chokes, etc.

**CTI-490** may be used in conjunction with products such as scale inhibitors, foamers, and is generally compatible with other anionic products.

### USAGE:

**CTI-490** is for producing gas wells; continuous usage of SR-542 based on the produced water volume greatly reduces or eliminates the frequency of salting in the well.

### *Advantages:*

- Inhibits salt deposition
- Dissolves high concentrations of salt
- Effective in brine
- Compatible with dispersant treatments, scale inhibitors, etc.
- Effective with anionic foamers
- Convenient solid

### TYPICAL PHYSICAL PROPERTIES:

Form Solid, Cylindrical

Color White

Density @ 77°F (g/ml) 1.147

Density @ 77°F (lb/gal) 9.55

pH of 1% solution 7.67

### HANDLING AND STORAGE:

**CTI-490** is an industrial chemical product. All safety and handling warnings on this product container and the material safety data sheet should be observed. For detailed safety and disposal information please refer to the material safety data sheet. Store in a cool, dry location.

AVAILABILITY:

**CTI-490** is available in 5 gallon containers and split top 55 gallon drums from **AR Chem Tex Industries LLC**, 3413 W. Alberta Edinburg, Texas 78539.

Please Call: (956) 683-8022

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