

# ICS-228-70

Scale Inhibitor Concentrate



International  
Chemical  
Group

## Description:

ICS-228-70 is a concentrated triethanolamine phosphate ester scale inhibitor.

## Applications:

ICS-228-70 is used to formulate scale inhibitors and scale/corrosion inhibitors to be used in oil and gas production, cooling water, boilers, secondary recovery (water-flood) systems and drilling applications.

ICS-228-70 is effective against the prevention of calcium and magnesium carbonates, calcium sulfates and barium and strontium scales.

ICS-228-70 is compatible with most brines that have calcium levels under 3500 ppm. The ICS-228-70 has temperature limitation of 65 C (150°F).

ICS-228-70 is a concentrated product in the acid and can be diluted with water, water /alcohol and water/glycol mixtures to provide low freeze stability. For continuous treating, partial neutralization to a pH of 4-5 is recommended.

## Physical Properties:

**Appearance:** Yellow liquid

**Activity:** 70%

**Solubility:** Water

**Specific Gravity:** 1.38 @ 25°C (77°F)

**Flash Point:** > 94°C (201°F)

**Pour Point:** -20°C (-4°F)

**pH:** > 2

## Dosage:

In lab testing, Calcium Carbonate, Inhibition levels are 96% at 5 ppm and 98% at 12 ppm of inhibitor.

## Handling:

Please refer to the Safety Data Sheet for further handling information.

## Packaging:

ICS-228-70 is available in drum and tote quantities.

Technical Data Sheet



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