

ICS-224

Scale Inhibitor Concentrate



International
Chemical
Group

Description:

ICS-224 is a concentrated aqueous solution of a neutralized alkanolamine phosphate ester.

Applications:

ICS-224 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-224 is effective against the prevention of calcium and magnesium carbonates, calcium sulfates and barium and strontium scales.

ICS-224 is compatible with most brines that have calcium levels under 3500 ppm. The ICS-224 should not be recommended for systems with operating temperatures greater than 65 C (150°F).

ICS-224 is a concentrated product and can be diluted with water, water /alcohol and water/glycol mixtures to provide low freeze stability.

Physical Properties:

Appearance:	Yellow liquid
Activity:	65%
Solubility:	Water
Specific Gravity:	1.46 @ 25°C (77°F)
Flash Point:	> 94°C (201°F)
Pour Point:	-20°C (-4°F)
pH:	4-5

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-224 is available in drum and tote quantities.

Technical Data Sheet

Liability Disclaimer - The information in this Data Sheet is provided without suggestion of warranty or guarantee. "Physical Properties" are typically values rather than specifications. The user is responsible for investigation for suitability of this product for their own use.



International Chemical Service Ltd.
Suite 1378 – 5328 Calgary Trail NW
Edmonton, Alberta, Canada T6H 4J8
P: 780-433-4352 F: 780-669-3764
E: international@intlchemgroup.com



Integrated Chemical Services Inc.
4830 Wilson Rd Ste 300 PMB 14
Humble, Texas, USA 77396
P: 866-433-4352
E: integrated@intlchemgroup.com

ICS-224

Scale Inhibitor Concentrate



International
Chemical
Group

Liability Disclaimer - The information in this Data Sheet is provided without suggestion of warranty or guarantee. "Physical Properties" are typically values rather than specifications. The user is responsible for investigation for suitability of this product for their own use.



International Chemical Service Ltd.
Suite 1378 – 5328 Calgary Trail NW
Edmonton, Alberta, Canada T6H 4J8
P: 780-433-4352 F: 780-669-3764
E: international@intlchemgroup.com



Integrated Chemical Services Inc.
4830 Wilson Rd Ste 300 PMB 14
Humble, Texas, USA 77396
P: 866-433-4352
E: integrated@intlchemgroup.com