

CX2

Technical Data Sheet

CX2 is manufactured and designed to be used in conjunction with Heartland Energy Group's synthetic acid systems. CX2 safely and effectively provides operators an alternative to commonly used harsh inhibitors that have dominated the market. CX2 reduces general attack, pitting or localized attack on alloys found in the oilfield at a wide range of pressures and temperatures. CX2 has been extensively tested at the university level on wireline, 316 stainless steel, J55, N80, L80, P-110, and QT-900. CX2 is a non-foaming alternative that offers maximum protection to oilfield equipment.

FEATURES AND BENEFITS:

- Made with a safer ingredient package
- Soluble in HEG's synthetic acid concentrations
- Effective at higher temperature ranges and pressures
- Readily dispersible
- Does not separate from dilute synthetic acid systems
- Effective choice for wireline systems
- Tested on various metals alloys like 316SS, J55, N80, L80, P-110, QT-900

TYPICAL PHYSICAL PROPERTIES:

Appearance and Color	Light yellow liquid
Initial Freeze Point	N/D
Odor	Mild cinnamon
Solubility in Water	100%
Flashpoint	N/D
Specific Gravity	1.04 ± 0.02

DIRECTIONS FOR USE:

Based on the temperature and the desired rate of inhibition, add CX2 at ¼ to 2 percent by volume of the overall acid system. Performance testing is always suggested prior to use to properly evaluate the potential corrosion of the application. CX2 is compatible with Oil Safe AR® and is recommended for most high temperature applications. Consult a Heartland representative for recommendations.

STORAGE AND HANDLING:

Rinse empty container with water and discard as per federal, state and local guidelines.

PACKAGING:

CX2 is packaged in 5 gallon to 275 gallon containers. Bulk quantities are available upon request.



Recommendations given in this data sheet are based on tests believed to be reliable. However, the use of the information is beyond the control of Heartland Energy Group, Ltd. and no guarantee, expressed or implied is made to the results obtained if not used in accordance with directions or established safe practice. The buyer must assume all responsibility, including injury or damage from the misuse of the product as such, or in combination with other materials. This bulletin is not to be taken as a license to operate under or recommendation to infringe any patent.