

CorrosX

Technical Data Sheet

CorrosX is manufactured with ingredients set forth by Cleangredients as Environmentally Safer Ingredients. CorrosX is a corrosion inhibitor that is designed to minimize the attack of hydrochloric and other mineral acids on iron and steel during oilfield operations. CorrosX also inhibits acid attack on copper and brass.

CorrosX safely and effectively provides operators an alternative to commonly used less eco-friendly chemistries that have dominated the market such as Henkel's Rodine 213. CorrosX aggressively reduces general attack, pitting or localized attack on alloys found to be exposed to mineral acids like HCl.

CorrosX is non-regulated, non-hazardous, non-flammable and non-toxic and biodegrades in 10 days or less. CorrosX carries a hazardous materials information system of triple zero.

CorrosX is a non-foaming alternative that offers maximum protection to oilfield equipment at extremely high temperatures ranges that are nearly more than four times greater than products such as Henkel's Rodine 213.

FEATURES AND BENEFITS:

- Made with FDA-CRAS approved ingredients
- Soluble in all acid concentrations
- Effective in most all temperature ranges
- Readily dispersible
- Does not separate from dilute acids
- 100% biodegradable
- 100% non-toxic

TYPICAL PHYSICAL PROPERTIES:

Appearance and Color	Clear to colorless liquid
Initial Freeze Point	21°F (-6°C)
Odor	Nearly odorless
Solubility in Water	100%
Flashpoint	None
Specific Gravity	1.12 ± 0.04

DIRECTIONS FOR USE:

Based on the temperature and the desired rate of inhibition, add CorrosX at ¼ to 1 percent by volume of the over all acid system. Performance testing is always suggested prior to use to properly evaluate the potential corrosion of the application. CorrosX is compatible with Oil Safe AR® and is recommended for extreme 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:

CorrosX 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.

Heartland Energy Group, Ltd.
 Grain Valley, MO Norfolk, VA
 Melbourne, FL Victoria, Mahé-Seychelles

www.heartlandenergygroup.net
 Phone: 1-877-797-2811
 Fax: 1-816-867-2055