



Aus-Frac
12 Frankston Gardens Dr
Carrum Downs
Victoria, 3201
ABN: 26 610 150 564
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PRODUCT DATA SHEET

AUSFRACRODE 100

Acid Corrosion Inhibitor

DESCRIPTION

AUSFRACRODE 100 is a low temperature corrosion inhibitor designed to give excellent protection when in contact with common oil and gas well steel conduits in acidizing applications. AUSFRACRODE 100 is effective in 28% HCl acid solutions at temperatures up to 200°F (93°C) and greater than 200°F (93°C) in 15% HCl acid solutions. Higher concentrations of AUSFRACRODE 100 may be used at higher temperatures if certain types of steel are being used. PECORRODE 100 also shows excellent performance and solubility in HCl-based systems designed for use in industrial applications.

APPLICATION

The data below is for AUSFRACRODE 100 only and does not include other products (surfactants, anti-sludge agents, non-emulsifiers, iron control agents, etc.) that may be present and cause deterioration.

Temperature (°F)	HCl Acid Conc. (%)	Inh. Conc. (% V/V)	Type of Steel	Corrosion Rate (lbs/ft ²)*	
				6 hrs	16 hrs
100	15	0.1, 0.1	N-80	0.002	0.004
125	15	0.1, 0.1	N-80	0.002	0.005
150	15	0.1, 0.2	N-80	0.004	0.0004
175	15	0.1, 0.2	N-80	0.005	0.009
200	15	0.2, 0.2	N-80	0.011	0.035
100	28	0.1, 0.1	N-80	0.003	0.008
125	28	0.1, 0.1	N-80	0.007	0.017
125	28	0.2, 0.2	N-80	0.004	0.007
150	28	0.2, 0.2	N-80	0.030	0.038
150	28	0.3, 0.3	N-80	0.006	0.011
175	28	0.2, 0.3	N-80	0.006	0.031
200	28	0.6, 0.6	N-80	0.022	0.045

* Tests were conducted at atmosphere pressure in 15% HCl at 150°F (65°C) and below. At 175°F (65°F) and 200°F (93°C) tests were conducted at 300 psig. In 28% HCl tests were conducted at 3000 psig. at all temperatures.

PACKAGING

1000lt poly totes.

Continued on next page.



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PROPERTIES

COLOR	Dark liquid
SPECIFIC GRAVITY	0.837
DENSITY (LBS./GAL.)	6.98
POUR POINT	< -25°F (-31°C)
FLASH POINT, SFCC	53°F (11°C)
SUITABLE MATERIALS	Metals: brass, copper alloys, stainless steel Plastics: polyethylene, polypropylene, PVC
NOT SUITABLE MATERIALS	Metals: mild steel Plastics: PVC (marginal)

All testing should be conducted once product has been approved for use.

Please read and understand the Material Safety Data Sheet (MSDS) before using this product.