



Cola®Cor 232

Water-Based Corrosion and Stain Inhibitor

CHEMICAL NAME Amine Carboxylate
LISTINGS USA (TSCA); Canada (DSL); New Zealand (NZIoC); China (IECSC); Korea (ECL)



Cola®Cor 232 is a low foaming amine carboxylate that is extremely effective in inhibiting the attack of ferrous metal by aqueous solutions in synthetic metalworking formulations. When blended with other materials to raise the pH, it becomes a very effective corrosion inhibitor in aqueous solution. Cola®Cor 232 may also be used for alkaline cleaners.

Cola®Cor 232 is soluble in water, methanol, ethanol, isopropanol, ethylene glycol and water/alcohol mixtures. Metalworking fluid formulations containing Cola®Cor 232 should be adjusted to pH 8.3 or higher with triethanolamine or other suitable alkanolamines (a mixture of 70% Cola®Cor 232 and 30% TEA solution performs better than Cola®Cor 232 by itself).

Cola®Cor 232 is inherently biodegradable.

SPECIFICATIONS

Appearance @ 25°C	Yellow Liquid
pH, @ 25°C	7.70
Weight/gallon (lbs)	9.6
Specific Gravity	1.14

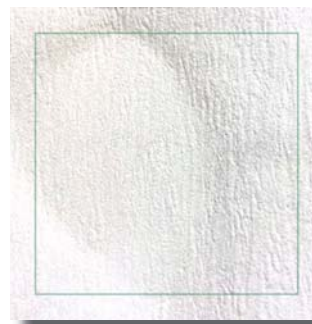
PERFORMANCE TESTING RESULTS

Hard water performance Pass
(2% in 500 ppm hard water)

Shake Foam Test
(1 g not premixed in 50 mL tap water)

Initial (dissipated 30 sec)	20 mm
1 min.	0
3 min.	0
5 min.	0
10 min.	0

Cast Iron Chip Test Pass
(1% active solution in tap water (test results below)
(South Pittsburg, TN – 80 ppm)



Test performed using single VWR filter paper, 415 (28320-020)

STORAGE / HANDLING

Cola®Cor 232 should be stored in a cool, dry area away from excessive heat, sparks or flame. Shipped in 55 gallon steel drums (net weight 480 lbs./218 kg). Typical shelf life is 12 months from date of manufacture. Safety Data Sheets may be found at www.colonialchem.com.

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Natural Surfactants