



# Cola®Cor 400

## Metalworking Corrosion Inhibitor

**CHEMICAL NAME** Mixed Amine Carboxylate *with improved hard water tolerance*  
**LISTINGS** US (TSCA); Canada (DSL); Korea (ECL); China (IECSC); New Zealand (NZIoC)

**Cola®Cor 400** is a water-soluble corrosion inhibitor designed for use in various metalworking, detergent and aerosol applications. Aqueous solutions are very low foaming and will provide effective corrosion protection at recommended use concentrations. The performance properties of Cola®Cor 400 are not affected by water hardness, and aqueous films dry down to non-tacky residues. Cola®Cor 400 demonstrates more potent corrosion inhibiting properties than traditionally used carboxylic types. Cola®Cor 400 is currently being used successfully in low foam, alkaline spray washes for rust protection, as well as, for improved wetting/rinsibility at 0.1% 0.3% active.

### PERFORMANCE ATTRIBUTES

- Effective at Low Concentrations
- Non-Foaming at Use Application Levels
- Hard Water Tolerant
- Prevents Flash Rusting
- Tack Free Residues
- Improves Lubricity

### PERFORMANCE TESTING

### RESULTS

<b>Cast Iron Chip Test</b> 1% active solution in tap water (South Pittsburg, TN – 80 ppm)	Pass (test results below)
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Test performed using single VWR filter paper, 415 (28320-020)

### SPECIFICATIONS

Appearance	Clear Liquid
pH (10% aqueous)	8.0
Acid Value	95 min.
Alkali Value	250.0
Color, Gardner '98	10 Max.

### STORAGE AND HANDLING

Cola®Cor 400 is shipped in 55 gal. drums, net weight 500 lb. (227 kgs.) or 275 gal. totes. Cola®Cor 400 should be stored in closed containers. Shelf life is 12 months from date of manufacture. A Safety Data Sheet is available at [www.colonialchem.com](http://www.colonialchem.com).

## Colonial Chemical

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*Innovative Specialty Surfactants*