



# Cola<sup>®</sup>Cor 700

Metalworking Corrosion Inhibitor

**CHEMICAL NAME** Phosphate Borate  
**LISTINGS** US (TSCA); Canada (DSL); New Zealand (NZIoC); China (IECSC); Korea (ECL)

**Cola<sup>®</sup>Cor 700** is a non-foaming, water-soluble corrosion inhibitor for liquid and vapor phase protecting. It will work on cast iron, steel, and non-ferrous metals such as aluminum and copper. It is recommended as a replacement for sodium nitrite in a variety of applications where protection of the liquid phase and vapor phase is needed. Cola<sup>®</sup>Cor 700 has proven to be an ideal and effective corrosion inhibitor for aerosol formulations containing water.

### APPLICATIONS

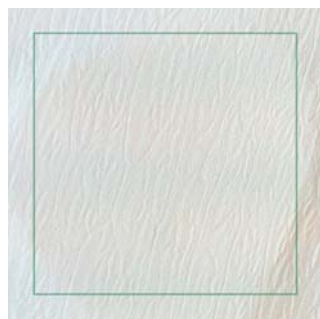
- Aerosols
- Coating cans
- Process Equipment
- Metal storage tanks

### SPECIFICATIONS

|                  |              |
|------------------|--------------|
| Appearance       | Clear Liquid |
| pH (1% solution) | 9.5 – 10.5   |
| Alkali number    | 460 – 500    |

### PERFORMANCE TESTING RESULTS

|   |                              |
|---|------------------------------|
| <b>Cast Iron Chip Test</b><br><i>1% active solution in tap water<br/>(South Pittsburg, TN – 80 ppm)</i> | Pass<br>(test results below) |
|---|------------------------------|



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

### PERFORMANCE TESTING RESULTS

|  |                              |
|--|------------------------------|
| <b>Humidity Cabinet Test</b><br><i>.25% active solution in tap water<br/>(St. Louis, MO 144 ppm) – 24 hrs.</i> | Pass<br>(test results below) |
|--|------------------------------|

Cold Rolled Steel



*Control Sample  
(TEA at 0.025%)*



*Test Sample  
(Cola<sup>®</sup>Cor 700 at 0.25%)*

Aluminum 6061



*Control Sample  
(TEA at 0.025%)*



*Test Sample  
(Cola<sup>®</sup>Cor 700 at 0.25%)*

### STORAGE AND HANDLING

Cola<sup>®</sup>Cor 700 is shipped in 55 gal. drums, net weight 450 lbs (204.1 kg) or 275 gal. totes. Cola<sup>®</sup>Cor 700 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).

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