



# Cola<sup>®</sup>Cor CI-24

Metalworking Corrosion Inhibitor

**CHEMICAL NAME** Triamine Borate  
**LISTINGS** US (TSCA); EU (EINECS); Canada (DSL); Korea (ECL); Australia (AICS);  
Japan (ENCS)

**Cola<sup>®</sup>Cor CI-24** is a water-soluble, highly effective corrosion compound for use as corrosion inhibitor in aqueous systems. Cola<sup>®</sup>Cor CI-24 is diethanolamine free, yet provides a high amount of reserve alkalinity for good corrosion protection.

### BENEFIT

- Improved water solubility

### RECOMMENDED USE LEVELS

Typically, 0.5 – 1.0% Cola<sup>®</sup>Cor CI-24 in diluted fluids is required to provide sufficient corrosion protection. This means, for example, that if the concentrate is designed for 10:1 solution, 5-10% will be required in the concentrate, depending on other components of the formulation.

### PERFORMANCE TESTING

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

### RESULTS

Pass  
(test results below)



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

### SPECIFICATIONS

Appearance	Clear Liquid
Total Base Value	550 – 600
pH (1% solution)	9.5 – 10.5
Specific Gravity (25°C)	1.20 – 1.24
Color, Gardner '98	2 Max.

### STORAGE AND HANDLING

Cola<sup>®</sup>Cor CI-24 is shipped in 55 gal. drums, net weight 480 lbs. (218 kgs.) or 275 gal. totes. Cola<sup>®</sup>Cor CI-24 should be stored in closed containers. If temperatures are expected to drop below -1°C (30°F), heated storage facilities should be considered. The maximum recommended storage temperature is 49°C (120°F). Cola<sup>®</sup>Cor CI-24 has a flash point above 200°F. Shelf life is 12 months from date of manufacture. A Safety Data Sheet is available at [www.colonialchem.com](http://www.colonialchem.com).