



# Cola<sup>®</sup>Cor 635

## Metalworking Corrosion Inhibitor

**CHEMICAL NAME** DEA-free Fatty Acid DIPA Alkanolamide  
**LISTINGS** USA (TSCA); Canada (NDSL)

**Cola<sup>®</sup>Cor 635** is a DEA-free fatty acid alkanolamide that can be used as a corrosion inhibitor, lubricant, and secondary emulsifier for aqueous metalworking fluids. Cola<sup>®</sup>Cor 635 can be substituted for typical DEA-containing products used in synthetic and semi-synthetic systems. At use levels of 3-20%, Cola<sup>®</sup>Cor 635 offers superior corrosion protection and lubrication properties and can be combined with other anionic surfactants to create low-foaming systems. For emulsifiable oils, Cola<sup>®</sup>Cor 635 can be used to increase emulsion stability, corrosion protection, hard water stability, and storage life.

- **Multi-functional** – Emulsifier, Lubrication, Corrosion Inhibition
- Synthetic and semi-synthetic systems

### SPECIFICATIONS

Appearance, 25°C	Clear Liquid
Alkali Value	112.0 – 140.0
Acid Value	20.0 – 25.0
pH (1% aqueous)	9.5 – 10.5
Moisture, %	5.0 Max.
Color, Gardner BYK	13 Max.

### PERFORMANCE TESTING RESULTS

#### Shake Foam Test

(1 g Test Material into 50 mL DI water)

Immediate	10 mm
1 min.	10 mm
3 min.	1 mm
5 min.	0 mm
10 min.	0 mm

### STORAGE AND HANDLING

Cola<sup>®</sup>Cor 635 should be stored in closed containers. Shelf life is 24 months from date of manufacture. Cola<sup>®</sup>Cor 635 is shipped in 55 gal. steel drums, net weight 440 lbs (199.5 kg). Safety Data Sheet is available for download at [www.colonialchem.com](http://www.colonialchem.com).

## Colonial Chemical

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*Innovative Specialty Surfactants*