



Cola® Carb TDC

Moderate Foaming Wetting Agent

INVENTORIES EU (REACH), Canada (DSL), USA (TSCA), Australia (AICS), Korea (KECI), China (IECSC), New Zealand (NZIoC), Taiwan (TCSI)

Cola® Carb TDC is a mild anionic surfactant with hard water tolerance. It improves the storage stability of amphoteric formulations and useful in combination with all ionic classes of surfactants. Cola® Carb TDC has applications in personal care and industrial formulations.

APPLICATIONS

Personal Care

- Baby shampoos
- Liquid soaps
- Shampoos
- Shower gels
- Hair sprays

Industrial

- Coatings
- Metalworking
- All purpose cleaners
- Dishwashing liquids
- Laundry

BENEFITS

- Will improve the performance of cleaner baths as well as extend the bath life
- Especially effective in baths containing alkalis and properties
- Possesses a very strong wetting action over a broad pH and temperature range
- Provides a dense foam cover which holds back corrosive spray and vapors
- Compatible with anionics

SPECIFICATIONS

Appearance	Clear Amber Liquid
Color, Gardner '98	3 Max.
Acid Number	45.0 – 52.0
% Solids	90.0 – 92.0
pH (1% DI water)	3.0 – 4.0
Solubility (1% DI water)	Cloudy, translucent
Sulfuric Acid:	1.0 % Max.
NaCl:	1.0 % Max

PERFORMANCE TESTING

Ross-Miles Foam Height (1% active), mm

Immediate	160
1 minute	140
5 minutes	135
Draves Wetting (1 % active)	Immediate

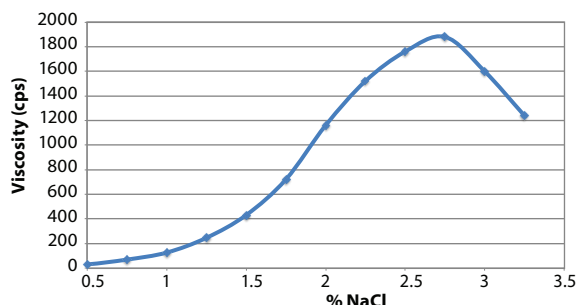
Solubility 10% Active

25% H ₂ SO ₄	Cloudy
25% NaOH	Cloudy

Compatibility, 5% active solution

5% active SLS	Completely soluble
5% active DSLS	Completely soluble

Cola® Carb TDC shows a typical viscosity-build-up response to salt when formulated with a sulfate and betaine in a shampoo blend.



STORAGE AND HANDLING

Cola® Carb TDC should be stored in closed containers. Shelf life is 24 months from date of manufacture. Cola® Carb TDC is shipped in closed-head poly 55-gal drums, net weight 450 lbs (204.1 kg). A Safety Data Sheet is available at www.colonialchem.com.

Colonial Chemical, Inc.

225 Colonial Drive • South Pittsburg, TN 37380
Phone: 423-837-8800 • Fax: 423-837-3888

www.colonialchem.com

Innovative Specialty Surfactants