



Cola®Teric AP

Hydrotroping Amphoteric for Alkaline and Acidic Systems

DESCRIPTION Sodium Dicarboxyethyl Coco Phosphoethyl Imadazoline

CAS 95913-20-5

LISTINGS USA (TSCA); Canada (NDSL); Australia (AICIS); Korea (KECI); Philippines (PICCS); New Zealand (NZIoC); Taiwan (NECI)

Cola®Teric AP is a salt-free organophosphate amphoteric that provides hydrotroping properties in high alkaline built systems that are formulated with conventional and capped low foaming nonionics. Cola®Teric AP improves the rinsibility of these systems by providing less streaking and redeposition of soil on the cleaned surface. Cola®Teric AP also enhances nonionics. Cola®Teric AP is suited for use in industrial cleaners, such as alkaline metal cleaning, high pressure spray cleaners, alkaline degreasers, scrubbing compounds, acid cleaners, transportation cleaners and various other hard surface cleaning formulations.

DETERGENCY ENHANCEMENT

In alkaline metal cleaning tests, Cola®Teric AP, when mixed at equal activity with all ethoxylated alcohols, provides dramatic improvement of hard surface cleaning properties. Blends containing Cola®Teric AP significantly outperformed blends containing similar concentrations of sodium xylene sulfonate.

FEATURES/BENEFITS

- Excellent hydrotroping efficiency
- Outstanding rinsibility
- Synergizes cleaning with nonionics
- Stable in acid and alkaline systems
- Effectively lowers formulation krafft point
- Compatible with all surfactant types
- Corrosion control
- Static control

HYDROTROPING PROPERTIES

Very low concentrations of Cola®Teric AP will help solubilize anionics and both high foaming and low foaming ethoxylated nonionics in high concentrations of acids and alkalis. Cola®Teric AP also improves the surface active properties such as wetting, penetrating and cleaning of formulations.

SPECIFICATIONS

Appearance @ 25°C	Clear to Slightly Hazy Liquid
Solids, %	34.0 – 36.0
pH (10% aqueous)	6.5 – 7.5
Color, Gardner '98	10 Max.

Zero VOC Alkaline Cleaner

No. 5025

INGREDIENT	%
1 Water	qs to 100
2 Tergitol 15-S-9	1.00
3 Cola®Teric AP Sodium Dicarboxyethyl Coco Phosphoethyl Imadazoline	1.00
4 Sodium Metasilicate (Anhydrous)	0.50
5 Sodium Hydroxide 50%	1.20
6 Dowanol DPM	2.00
7 Tetrasodium EDTA	0.50
8 Fragrance	0.10

Procedure: Add ingredients in order with adequate mixing.

Typical Properties:

Appearance: Clear Liquid
 pH: 12.9 - 13.0
 Viscosity: < 20cP
 Dilution Ratio: < Ready to use.

Grill & Smokehouse Cleaner

No. 5029

INGREDIENT	%
1 Water	qs to 100
2 Sodium Hydroxide 50%	2.00
3 Cola®Teric AP Sodium Dicarboxyethyl Coco Phosphoethyl Imadazoline	3.50
4 Suga®Boost 030 Functionalized Alkyl Poly Glucosides	2.00
5 Sodium Gluconate	0.50

Procedure: Add ingredients, mix until uniform.

Typical Properties:

Appearance: Clear Liquid
pH: 12.5
Viscosity: < 10cP
Dilution Ratio: < Ready to use.

STORAGE / HANDLING

Cola®Teric AP should be stored in sealed containers at temperatures not exceeding 120°F (49°C). Shipped in 55 gallon poly drums (net weight 480 lb/217.7 kg). Typical shelf life is 24 months from date of manufacture. Safety Data Sheets may be found at www.colonialchem.com.



Colonial Chemical

Innovative Specialty Surfactants

www.colonialchem.com