



# Cola® Foam CAPB-45

## High-foaming Amphoteric Surfactant

### LISTINGS

US (TSCA), EU (REACH), Canada (DSL), Australia (AICS), Korea (KECI),  
China (IECSC & IECIC), Philippines (PICCS), New Zealand (NZIoC), Taiwan (TCSI)

**Cola® Foam CAPB-45** is a robust, high foaming surfactant over a broad range of conditions.

### BENEFITS

- High foaming amphoteric surfactant
- High electrolyte tolerance
- Excellent foaming over a broad pH range
- Compatible with anionic, nonionic, and cationic surfactants

### APPLICATIONS

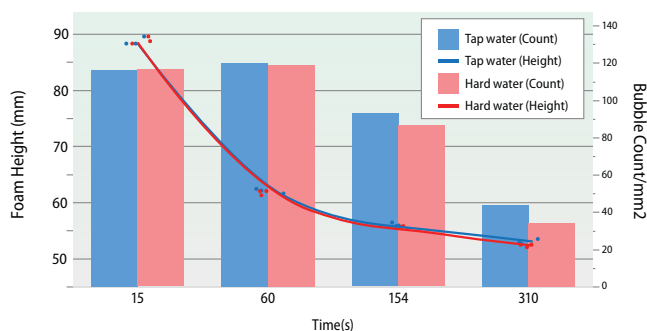
- Oil field foamers
- Mining frothers
- Gas wells
- Drilling applications
- Mineral beneficiation

### TYPICAL PROPERTIES

|                   |                      |
|-------------------|----------------------|
| Appearance @ 25°C | Clear, Yellow Liquid |
| % Solids          | 43.0 – 45.0          |
| pH (10% Aqueous)  | 5.0 – 7.0            |
| % NaCl            | 7.3 Max              |
| % Active          | 36.0 – 39.0          |
| % Free Amine      | 0.75 Max             |
| Viscosity @ 25°C  | 58                   |
| Pour Point °C     | - 10                 |
| Flash Point °C    | > 94                 |

### FOAM RESPONSE

Foam Response with Cola® Foam CAPB-45 in Varying Water Chemistries



|                 | Test Method | Tap Water (mg/L) | Hard Water (mg/L) |
|-----------------|-------------|------------------|-------------------|
| TSS             | Gravimetric | < 10.0           | 86.8              |
| TDS             | Gravimetric | 101.5            | 7949.9            |
| Chloride (Cl-)  | IC          | 12               | < 25.0            |
| Calcium         | ICP-OES     | 21.7             | 1610              |
| Sulfate         | IC          | 9                | 1130              |
| Magnesium       | ICP-OES     | < 9.3            | 285               |
| Sodium          | ICP-OES     | < 9.3            | < 9.6             |
| Carbonate (CO3) | Coulometric | < 550.0          | < 600.0           |
| pH              | pH Meter    | 7.1              | 7.6               |

### STORAGE / HANDLING

Cola® Foam CAPB-45 should be stored in closed containers. Shipped in 55 gallon poly drums (net weight 480 lb/217.7 kg) 2300 lb totes or bulk tank. Typical shelf life is 24 months from date of manufacture. Safety Data Sheets may be found at [www.colonialchem.com](http://www.colonialchem.com).



**Colonial Chemical**  
Innovative Specialty Surfactants  
[www.colonialchem.com](http://www.colonialchem.com)