



# Cola®Quat LBAC 50 (ME)

Quaternary Ammonium Based Cationic Surfactant

## INCI

Alkyldimethylbenzylammonium Chloride 50%

**Cola®Quat LBAC 50 (ME)** Lauryldimethylbenzyl ammonium chloride (LBAC) is a type of cationic surfactant, a quaternary ammonium salt. It has the primary application as a corrosion inhibitor in Oil and Gas applications. It works by preventing the formation of sulfurous gases. LBAC has also been successful at de-emulsifying and sludge breaking in enhanced oil recovery.

On HI&I applications, LBAC is applied as hard surface detergents.

LBAC's low toxicity, solubility in water, and uniquely effectiveness in the presence of hard water has opened the doors to many applications in petroleum, chemical, textile, water treatment, and even as an antistatic agent.

## TYPICAL PROPERTIES

Appearance	Clear Liquid
pH, 5% aqueous @ 25°C	6.5 – 8.5
% Active	48 – 52
Color, BYK	2 MAX
% Free Amine	< 0.5
% Amine Hydrochloride	< 1.5
Refractive Index	1.415 – 1.424



## STORAGE / HANDLING

Cola®Quat LBAC 50 (ME) should be stored in a cool, dry area away from excessive heat, sparks or flame. Cola®Quat LBAC 50 (ME) is classified as a Flammable Liquid by DOT definitions. Shipped in poly drums (net weight 181 kg). Typical shelf life is 12 months from date of manufacture. Safety Data Sheets may be found at [www.colonialchem.me](http://www.colonialchem.me).



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