Cola®Zoline 1210

Mixed Short Chain Alkyl Imidazoline, AEEA-based Imidazoline

INVENTORIES US (TSCA); Canada (NDSL)

Cola®Zoline 1210 is an imidazoline based on short-chain mixed fatty acids and AEEA. Cola®Zolines, chemically described as 1–hydroxyethyl 2–alkyl imidazolines, are classified as cationic surface-active agents. Cola®Zolines and their acid salts offer the following functional properties: wetting, emulsifying, detergency, thickening, moisture displacing, corrosion inhibiting, and antistatic effects. These functional properties are useful in agricultural emulsions, industrial cleaners, paints/coatings, plastics, and petroleum applications.

Cola®Zolines are readily soluble in polar solvents and in hydrocarbons; however, they are relatively insoluble in water. The acid salts of Cola®Zolines with low molecular weight acids (acetic, hydrochloric, or phosphoric acid) are water-soluble. Oil soluble salts can be formed by neutralization with long chain fatty acids, naphthenic acids, and alkyl or aryl sulfonic acids.

BENEFITS

- Wetting
- Emulsifying
- Detergency
- Thickening
- Moisture displacing
- Antistatic effects

APPLICATIONS

- Acid cleaners
- Substrate for cationic surfactant and propionate based amphoterics
- Dispersing aids
- Flocculants
- Paint applications
- Oil and grease thickeners

SPECIFICATIONS

Appearance @ 25°C	Clear Liquid
Solubility Test	Solution Clear
% Imidazoline	90 MIN
Alkali Value	280 – 295
Color, Gardner '98	12 MAX
Color, Gardner BYK	Report

STORAGE / HANDLING

Cola®Zoline 1210 should be stored in closed containers. Shipped in 55 gal. steel drums (net weight 400 lb/181 kg). Typical shelf life is 24 months from date of manufacture. Safety Data Sheets may be found at ***www.colonialchem.com.***

Colonial Chemical
225 Colonial Drive · South Pittsburg, TN 37380
www.colonialchem.com
Innovative Specialty Surfactants

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