



Cola[®]Fax 3376

Mid Foam High Alkaline Phosphate Ester

DESCRIPTION Nonylphenol-9 Mid Foaming High Alkaline Phosphate Ester

LISTINGS USA (TSCA); Canada (DSL); Australia (AICS); Korea (ECL); China (IECSC); Philippines (PICCS); New Zealand (NZIoC); Taiwan (NECI)

Cola[®]Fax 3376 is a mixture of mono and di-phosphate esters derived from an ethoxylated nonionic surfactant, which exhibits outstanding emulsifying, lubricating, antistatic, detergency and corrosion inhibiting properties. Cola[®]Fax 3376 is supplied as the free acid and can be easily converted to the salt of an alkali metal, amine or ammonia by a simple neutralization with the desired base.

EMULSION POLYMERIZATION:

Cola[®]Fax 3376 is particularly effective as a primary emulsifier for vinyl acetate, acrylates and SBR. The Cola[®]Fax ester permits the preparation of high solids polymers with excellent clarity and heat and light stability. It also provides corrosion inhibiting properties when the finished latex is applied to metal surfaces.

INDUSTRIAL CLEANERS:

Cola[®]Fax 3376 exhibits a high degree of tolerance and compatibility with concentrated alkali and alkaline salt solutions. Cola[®]Fax 3376 is a good hard surface cleaner with moderate foaming properties, and formulations based on Cola[®]Fax phosphate esters have good temperature and storage stability. Typical applications for the Cola[®]Fax esters are soak tank cleaners, heavy duty alkaline all purpose cleaners and steam cleaners.

HERBICIDE & INSECTICIDE EMULSIFIERS:

Cola[®]Fax 3376 has been found to be a highly effective emulsifier for formulating herbicidal ester concentrates. It exhibits good emulsion spontaneity, stability and tolerance to hard water. The high electrolyte tolerance suggests its use as an emulsifier in fertilizer solutions.

METALWORKING LUBRICANTS:

Cola[®]Fax 3376 is recommended for use in water soluble metal working lubricants and synthetic cutting fluids as it offers extreme pressure lubricity, low coefficient of friction, rust inhibition, and reduced surface tension in high electrolyte solutions.

DRY CLEANING DETERGENTS:

Cola[®]Fax 3376 provides excellent anti-soil redeposition and antistatic properties in dry cleaning systems. In addition, Cola[®]Fax 3376 is effective in controlling the water content of dry cleaning systems. The very light color and low odor are also important characteristics for this application.

SPECIFICATION

Appearance, 25°C	Light Yellow liquid
Clarity	Clear
Color, Gardner '98	4 Max.
Acid Number	90 – 110
% Moisture, K.F.	1 Max.
Free Phosphoric	1.72

STORAGE AND HANDLING

Cola[®]Fax 3376 is shipped in drums, net weight 440 lbs / 199.5 kg. Cola[®]Fax 3376 should be stored in closed containers. Shelf life is 24 months from date of manufacture. Safety Data Sheet is available at www.colonialchem.com.

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