



NUMBER 4406-3 (Supersedes 4406-2)

Strodex™ LFK-70 Phosphate Ester Surfactant *For Waterborne Architectural Coatings*

Strodex LFK-70 surfactant is the neutralized (potassium salt) form of a phosphate coester of aliphatic alcohols. It is a lower foaming phosphate ester surfactant that provides excellent wetting characteristics. Strodex LFK-70 surfactant does not contain any alkyl phenol ethoxylates (APEOs).

Depending on the formulation specifics, Strodex LFK-70 surfactant can also function as a supplemental dispersant to assist in reduction of pigment flocculation. Spreading and uniform coverage are improved on difficult to wet surfaces by the use of Strodex LFK-70 surfactant in waterborne coatings.

Typical Properties^(a)

Chemical type.....	Phosphate Ester (anionic)
Appearance.....	Clear liquid
Active solids, weight %	70 ± 2%
Gardner Color.....	3 maximum
Viscosity ^(b) , as supplied (cps or mPa·s).....	< 500
Density, g/mL	1.12
Density, lb/gal.....	9.3
pH, as is.....	8.0 - 9.0
Flash point ^(c)	> 200°F (93°C)

^(a) Values are typical properties and are not to be regarded as product specifications.

^(b) Brookfield RVT viscosity at 25°C (77°F).

^(c) Tag closed cup

Product Benefits

- Increases gloss
- Low foaming
- Excellent wetting & dispersion of pigments
- Enhances color properties
- Improved substrate wetting
- Inhibition of flash & nail head rusting
- May improve open time & block resistance

Recommended Use Levels

In flat, semi-gloss and gloss paints, 2-5 pounds of Strodex LFK-70 surfactant per 100 gallons (0.2-0.5%) of finished paint are recommended.

Volatile Organic Compounds (VOCs)

Strodex LFK-70 surfactant is formulated as solvent-free. As such, the VOC content of this product should be non-detectable using the standard U.S. EPA Reference Method 24.



APEO & Glycol Content

Strodex™ LFK-70 surfactant does not contain any alkyl phenol ethoxylates (APEOs). Glycols are not intentionally added or known to be present in Strodex LFK-70 surfactant.

Chemical Inventories

All components of Strodex LFK-70 surfactant are listed on TSCA chemical inventory (USA).

Product Safety

Please read and understand the MSDS before using this product.