

NUMBER 4412-3 (Supersedes 4412-2)

## Strodex™ PK-95G Phosphate Ester Surfactant

### For Waterborne Architectural Coatings

Strodex PK-95G surfactant is the neutralized (potassium salt) form of a phosphate coester of aliphatic alcohols. It imparts improved gloss and color acceptance in waterborne latex paints. Depending on the formulation specifics, Strodex PK-95G surfactant can also function as a supplemental dispersant to assist in reduction of pigment flocculation. Strodex PK-95G surfactant does not contain any alkyl phenol ethoxylates (APEOs).

Strodex PK-95G surfactant is particularly beneficial at wetting pigments including TiO<sub>2</sub>, iron oxides and common extenders. Spreading and uniform coverage of paint on difficult to wet surfaces are improved by the use of Strodex PK-95G surfactant.

### Typical Properties<sup>(a)</sup>

Chemical type.....	Phosphate Ester (anionic)
Appearance.....	Clear liquid
Carrier.....	Diethylene glycol
Active solids, weight %.....	81 ± 2%
Gardner Color.....	2 maximum
Viscosity <sup>(b)</sup> , as supplied (cps or mPa·s).....	1,100 – 1,900
Density, g/mL.....	1.135–1.15
Density, lb/gal.....	9.3
pH, 1% aqueous solution.....	7.3 - 7.7
VOC content, weight %.....	6.1
Flash point <sup>(c)</sup> .....	> 212°F (100°C)

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

(b) Brookfield RVT viscosity at 25°C (77°F), spindle #3 at 50 rpm.

(c) Tag closed cup

### Product Benefits

- Increases gloss
- Reduces hazing
- Enhances color properties
- Improved substrate wetting
- Excellent wetting and dispersion of pigments
- Improved freeze-thaw resistance
- Helps prevent crawling, cratering and pinholing
- Low water sensitivity
- Inhibition of flash and nail head rusting
- May improve open time and block resistance including iron oxides

## **Recommended Use Levels**

In flat, semi-gloss and gloss paints, 3-5 pounds of Strodex PK-95G surfactant per 100 gallons of finished paint are recommended.

## **APEO Content**

Strodex PK-95G surfactant does not contain any alkyl phenol ethoxylates (APEOs).

## **Chemical Inventories**

All components of Strodex PK-95G surfactant are listed on TSCA chemical inventory (USA).

## **Product Safety**

Please read and understand the MSDS before using this product.