



NUMBER 5034

Strodex™ FT-68 surfactant^(d)

For Waterborne Architectural Coatings and Emulsion Polymerization

Strodex FT-68 is a specialty surfactant based neutralized (potassium salt) form of a phosphate ester. It is designed to impart superior stability to latex paints, including freeze-thaw as well as mechanical stability. Depending on the formulations specifics, Strodex FT-68 surfactant can also function as a strong wetting agent and co-dispersant and may preclude pigment flocculation. Strodex FT-68 surfactant does not contain any alkyl phenol ethoxylates (APEOs).

Typical Properties

Appearance	Clear to hazy liquid
Gardner color	3 maximum
Solids	89.0 ± 2.0%
Actives	89.0 ± 2.0%
Water	11.0 ± 2.0%
VOC ^(c)	< 0.05%
Specific Gravity	1.02
Density, lb/gal	8.5
pH (5%)	~ 6.0
Viscosity ^(a) (cps)	~ 800
Flash point ^(b)	> 100°C (212°F)
Pour point (°C)	~ 3°C (40°F)

Values are typical properties and are not to be regarded as product specification

^(a) Brookfield LVT Viscosity, spindle #2 at 12 rpm & 25°C (77°F)

^(b) Tag closed cup

^(c) By method: GB 18582-2008 (National Standard of the Peoples Republic of China)

^(d) Previously AQU D-4927

Product Benefits for Waterborne Deco Paints

- Improved freeze-thaw resistance
- Improves substrate wetting
- Enhances wetting and dispersion of pigments
- Increased gloss
- Improves color acceptance
- Can reduce or eliminate color float issues
- Aids in prevention of syneresis
- Improves heat stability

Recommended Use Levels

In flat, semi-gloss and gloss paints, Strodex FT-68 surfactant is typically added at 0.2-0.8% by weight of finished paint.



Storage and Handling

Under normal storage conditions (between 5°C (41°F) and 38°C (100°F) in original sealed packaging) Strodex™ FT-68 has good chemical stability. In storage, product should be protected from exposure to direct sunlight and precipitation.

Strodex FT-68 surfactant does not require freeze protection, but should be mixed thoroughly if exposed to temperatures less than 0°C (32°F). Product viscosity may increase slightly when stored at low temperatures.

Volatile Organic Compounds

Strodex FT-68 surfactant is formulated as solvent-free. As such, the VOC content of this product is expected to be less than 0.05% by weight using Chinese GB18582-2008 and ASTM D-6886 methods and should be non-detectable using US EPA method 24.

APEO Content

Strodex FT-68 surfactant does not contain any alkyl phenol ethoxylates (APEOs).

Chemical Inventories

All components of Strodex FT-68 are listed on TSCA (USA), DSL (Canada), as well as respective chemical inventories of China, Japan, Korea, Philippines and Australia.

Packaging

Strodex FT-68 surfactant is available in 5 gallon pails, 55 gallon plastic drums and 1000 kg net wt. intermediate bulk containers (IBCs). Samples are available in 250 ml (0.5 pint) and 1 liter quantities.

Product Safety

Please read and understand the SDS before using this product.