



NUMBER 4431-1 (Supersedes 4431)

Strodex™ MON-25 Phosphate Ester Surfactant *For Waterborne Architectural and Industrial Coatings*

Strodex MON-25 surfactant is the neutralized (ammonium salt) form of a phosphate ester of an aliphatic alcohol. It is designed to impart excellent low water sensitivity to latex paints and industrial coatings and is particularly beneficial in coatings incorporating zinc oxide or other reactive pigments. Spreading and uniform coverage are improved on difficult to wet surfaces by the use of Strodex MON-25 surfactant in waterborne coatings.

In addition to use in latex paint, Strodex MON-25 surfactant provides benefits in universal colorants, to help disperse and stabilize the pigments, thereby enhancing color acceptance for water-based paints tinted at point-of-sale.

Strodex MON-25 surfactant does not contain any alkyl phenol ethoxylates (APEOs).

Typical Properties^(a)

| | |
|--|-----------------------------|
| Chemical type..... | Phosphate Ester (anionic) |
| Appearance..... | Clear to light amber liquid |
| Carrier..... | hexylene glycol/water |
| Active solids, weight %..... | 25 ± 1% |
| Viscosity ^(b) , as supplied (cps or mPa-s)..... | 150 maximum |
| Sp.G. g/mL..... | 1.05 |
| pH, as is..... | 7.5 – 8.5 |
| VOC content ^(c) , weight %..... | 11% |
| Flash point ^(d) | > 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) calculated value

^(d) Tag closed cup

Product Benefits

- Increases gloss
- Stabilizes reactive pigments including ZnO
- Excellent wetting and dispersion of pigments
- Improved substrate wetting
- Enhances color properties
- Improved heat stability in paint
- Low water sensitivity in dry film
- Inhibition of flash and nail head rusting

Recommended Use Levels

- In flat, semi-gloss and gloss paints, 8-16 pounds of Strodex MON-25 surfactant per 100 gallons of finished paint are recommended.
- In universal colorants, 10-15% of Strodex MON-25 by weight of pigment is recommended.



APEO Content

Strodex™ MON-25 surfactant does not contain any alkyl phenol ethoxylates (APEOs).

Chemical Inventories

All components of Strodex MON-25 surfactant are listed on TSCA chemical inventory (USA).

Product Safety

Please read and understand the MSDS before using this product.