



NUMBER 4403-4 (Supersedes 4403-3)

Dextrol™ OC-180 Phosphate Ester Surfactant *For Waterborne Architectural Coatings*

Dextrol OC-180 surfactant is the neutralized (potassium salt) form of an ethoxylated aliphatic alcohol phosphate ester. It is designed to impart improved gloss and color acceptance in waterborne latex paints. Depending on the formulation specifics, Dextrol OC-180 surfactant can also function as a supplemental dispersant to assist in reduction of pigment flocculation. Dextrol OC-180 surfactant does not contain any alkyl phenol ethoxylates (APEOs).

In addition to use in latex paint, Dextrol OC-180 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.

Typical Properties^(a)

Chemical type.....	Phosphate Ester (anionic)
Appearance.....	Clear liquid
Active solids, weight %	45 ± 2%
Moles of EO	6
Gardner Color.....	6 maximum
Viscosity ^(b) , as supplied (cps or mPa·s).....	400 – 900
Density, g/mL	1.07
Density, lb/gal.....	8.9
pH, 10% aqueous solution	6.0-7.0
Flash point ^(c)	> 200°F (93°C)

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

^(b) Brookfield LV viscosity at 25°C (77°F), spindle #3 at 30 rpm.

^(c) Tag closed cup

Product Benefits

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

Recommended Use Levels

- In flat, semi-gloss and gloss paints, 5-10 pounds of Dextrol OC-180 surfactant per 100 gallons (0.5-1.0%) of finished paint are recommended.
- In universal colorants, 5-10% by weight of Dextrol OC-180 surfactant is recommended on pigment.

Volatile Organic Compounds (VOCs)

Dextrol OC-180 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 Content

Dextrol™ OC-180 surfactant does not contain any alkyl phenol ethoxylates (APEOs).

Chemical Inventories

All components of Dextrol OC-180 surfactant are listed on TSCA chemical inventory (USA). This product is EINECS compliant.

Product Safety

Please read and understand the MSDS before using this product.