Nonionic Low-foam Dynamic Wetting Agent SURFADOL[®] 485W Surfactant

Special properties

- Specifically designed for water-based systems
- Reduce dynamic surface tension
- Improve wetting of various substrates and particles
- Increase hydrophilicity
- Has several global food contact compliances
- Silicone-free, APEO free, non-toxic, solvent free

Examples of application

- Water-based printing inks
- Water-based adhesives
- Waterborne industrial coatings
- Agricultural chemicalsLatex dipping

Fountain solutions

Processing instructions

- Mix well when use.
- Added and mixed after other surfactants.

• Pigments, fillers or other solid should be added after Surfadol 485W surfactant has been evenly mixed.

Typical properties

Active matter	2,4,7,9-Tetramethyl-5-decyne-4,7-diol ethoxylate, CAS#9014-85-1
Active matter content	75%
HLB value	17
Dynamic surface tension	57.0 dynes/cm
(0. 1% wt., 6 b /s)	
Solubility in water	soluble
Suggested use level	0.2% - 2.0% of total formulation weight

Specifications

Test Item	Standard
Appearance	Yellow liquid
APHA Color (Pt-Co)	≤350
Density at 25 °C, g/cm^3	1.000-1.100

Package and storage

The standard package for this material is 200kg plastic drums, 4 drums/pallet. The product is also available in 20kg pails, 18 pails/pallet.

Keep containers tightly closed in a dry, cool, and well-ventilated place. Product is normally freeze-thaw stable; if it phase separates or freezes at colder temperatures, warm container to $60 \,^{\circ}$ C and mix thoroughly before use. The shelf life for this product is 48 months from the date of manufacture. For more information, please send email to: sales@acmetech.cn