

## Nonionic Low-foam Dynamic Wetting Agent

**SURFADOL® 465 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
- Waterborne industrial coatings
- Fountain solutions
- Water-based adhesives
- Agricultural chemicals
- Metalworking lubricants

**Processing instructions**

- Mix well when use.
- Added and mixed after other surfactants.
- Pigments, fillers or other solid should be added after Surfadol 465 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	100%
HLB value	13
Dynamic surface tension (0.1%wt. , 6 b /s)	42.0 dynes/cm
Solubility in water	soluble
Suggested use level	0.2% - 2.0% of total formulation weight

**Specifications**

Test Item	Standard
Appearance	Light yellow liquid
APHA Color (Pt-Co)	≤350
Density at 25 °C, g/cm <sup>3</sup>	1.000-1.100

**Package and storage**

The standard package for this material is 180kg plastic drums, 4 drums/pallet.  
The product can also be supplied in 20kg pails and 1000kg IBCs.

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 40 °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](mailto:sales@acmetech.cn)