

Nonionic Low-foam Dynamic Wetting Agent

SURFADOL® 485 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
- Latex dipping

Processing instructions

- Mix well when use.
- Added and mixed after other surfactants.
- Pigments, fillers or other solid should be added after Surfadol 485 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	17
Dynamic surface tension (0.1%wt. , 6 b /s)	55.0 dynes/cm
Solubility in water	soluble
Suggested use level	0.2% - 2.0% of total formulation weight

Specifications

Test Item	Standard
Appearance	Yellow paste
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.

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 °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