

Powdered Dynamic Wetting Agent and Molecular Defoamer

SURFADOL® 541S Surfactant**Special properties**

- Foam control and de-airentainment
- Low dynamic surface tension
- Ability to wet hydrophobic surfaces
- Prevents surface defects in coatings on low-energy substrates
- Improved flow and leveling
- Improved color development
- Non-yellowing compared to benzoin
- Free-flowing powder with limited dust release
- Contains no added silicones or alkylphenol ethoxylates

Examples of application

- Powder coatings
- Inks and adhesives
- Agricultural chemicals
- Pigment premixes

Processing instructions

- Mix well when use.
- Added and mixed after other surfactants.
- Pigments, fillers or other solid should be added after Surfadol surfactant has been evenly mixed.

Typical properties

Active matter	2,4,7,9-Tetramethyl-5-decyne-4,7-diol, CAS#126-86-3
Active matter content	42.5%
Solvent	Propylene Glycol
Solubility in water	slightly soluble
Suggested use level	0.2% - 2.0% of total formulation weight

Specifications

Test Item	Standard
Appearance	White powder
APHA Color (Pt-Co)	≤350
Propylene Glycol	7.50% ±0.50%
Tetramethyl Decynediol	42.5% ±0.50%
Amorphous Silica	50.0% ±0.50%

Package and storage

The standard package for this material is 15kg bags, 23 bags per pallet.

The bags can also be packed with paper drums, 2 bags per drum, 8 drums per pallet.

It should be stored under dry and clean conditions between -10 °C and 50 °C. High pressure on the packed material should be avoided in order to prevent lumping.

Keep away from heat and sources of ignition. Avoid generating dust; fine dust dispersed in air in sufficient concentrations, and in the presence of an ignition source is a potential dust explosion hazard.

The shelf life for this product is 48 months from the date of manufacture.

For more information, please send email to: sales@acmetech.cn.