

Acetylenic Diol Molecular Defoamer

SURFADOL® 510

Special properties

- nonionic acetylenic diol defoamer
- specifically for water-based systems
- good substrate wetting
- long-lasting, defect-free foam control, effective against microfoam
- synergistic with conventional defoamers
- silicone-free, non-toxic
- contains no added alkylphenol ethoxylates (APEs)

Examples of application

- water-based printing inks
- metalworking fluids
- semiconductor cleaning and processing
- fountain solutions
- waterborne coatings
- waterborne coatings
- lamination adhesives
- dye and pigment synthesis
- concrete and mortars

Processing instructions

- Dilute with solvent if necessary, mix well when use.
- Added and mixed after other surfactants.
- Pigments, fillers or other solid should be added after SURFADOL® 510 has been evenly mixed.

Typical properties

Active matter	2,5,8,11-Tetramethyldodec-6-yne-5,8-diol, CAS#68227-33-8
Active matter content	100%
Density at 25°C, g/cm ³	0.93
Solubility in water	slightly soluble
Boiling point	269°C
Flash point	101°C
Suggested use level	0.1% - 1.5% of total formulation weight

Specifications

Test Item	Standard
Appearance	White waxy solid
APHA Color (Pt-Co)	≤350
TMDDD (purity)	≥95.50%

Package and storage

The standard package for this material is 180kg galvanized iron drums, 4 drums/pallet. It is also available in 20kg pails.

Keep containers tightly closed in a dry, cool, and well-ventilated place. The shelf life for this product is 48 months from the date of manufacture. Product is freeze-thaw stable. Container should be heated to 60-70°C to completely melt product; mix thoroughly before use.

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