



ADVANCED POLYMER, INC.

GET THE API ADVANTAGE . . .

APFS-71S

APFS-71S is a VOC free, nonionic fluorinated surfactant based on short chain fluorochemical technology. APFS-71S has exceptional stability in severe thermal and chemical environments such as strong acid, base or oxidizing solutions. APFS-71S is an excellent choice for wetting difficult to wet surfaces such as plastics, oily substrates, waxy surfaces, and silicone or fluoropolymer treated fabrics, because the surface tension of aqueous solutions and emulsions can be reduced to less than 18 dynes/cm. Because APFS-71S has limited solubility in water, it should not be used in aqueous systems in amounts larger than 0.25%.

CHARACTERISTICS

- Short-chain fluorochemical technology
- Outstanding wetting properties: Perfect choice for difficult to wet substrates
- Stable and effective in hard water
- Stable in concentrated acids, bases and oxidizing solutions
- Low use levels required (0.01-0.1%)
- Provides better spreading and penetration
- Improves film uniformity, enhances adhesion, reduces pinholes and craters in coatings
- Reduces droplet size resulting in less spotting and smoother, more even films for finishes and polishes
- Provides far greater surface tension reduction than can be achieved with either hydrocarbon or silicone based surfactants

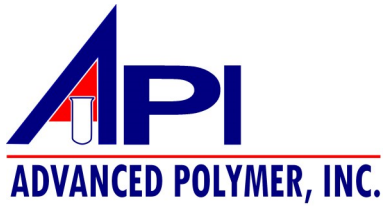
SURFACE TENSION—DEIONIZED WATER	
0.01%	19 dynes/cm

TYPICAL PROPERTIES

Ionic Nature:	Nonionic
Specific Gravity (@ 25°C):	1.06
Active Content: (by weight-theoretical)	25%
Boiling Point:	~ 100°C
pH:	6.0
Water Solubility:	Soluble

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APPLICATIONS

- Floor polishes
- Paints and Coatings
- Caustic Bottle Washing
- Acid Based Cleaners
- Bleach Based Cleaners

PACKAGING

APFS-71S is available in 4 oz samples and 440-lb drums.

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I want to know more!

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You may also be
interested in . . .

- APFS-14
- APFS-70S

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