



Anti Microbial Additive Quaternary Ammonium Silane Grade Ref: QS-30

Biox QS-30 is Quaternary Ammonium Silane in Alcohol highly effective Antimicrobial imparts bacteriostatic, fungistatic, and algistatic properties to various substrates including metals, plastics, textiles, concrete to prevent deterioration and discoloration caused by fungi.

Typical Properties

Chemistry

Octadecylaminodimethyltrihydrosilyl propyl ammonium chloride

Form.Amber to clear Liquid

Solvent.....Iso-propanol Alcohol

Active Content.....30%

pH.....5-6

Solubility in water.....Completely soluble

Usage level:

In water borne Coatings - 0,5% -2% max

Key advantages

- Quat Silane technology
- Non Silver based
- Highly recommended Textile
- Instant effect
- No heavy metal compounds

End use applications

- Water borne coatings & inks
- Textile finishes
- Construction Chemicals & materials
- Paper
- Cosmetics
- Toiletries like sanitizers, floor cleaners

Mode of action

- Physically rupture the cell membrane
- Silane based- antimicrobial protection against a broad spectrum of single cell microorganisms
- Positively Charged Nitrogen- Mechanism to kill pathogen instantly
- Non Silver based and does not release toxic substance and non leaching.

Available packaging

25 Kg Pail

1000 Kg IBC Tote

Shelf life

12 months



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