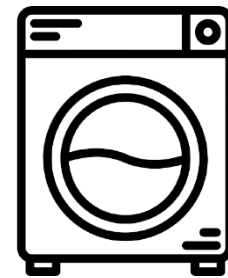


Vitec Nano Shield

ANTIMICROBIAL TEXTILE CONCENTRATE



Vitec Nano Shield is a Quaternary Ammonium Compound “Quat” that is diluted 1:9 using on-farm water resulting in a 1% active solution. The product provides effective antimicrobial properties and inhibits microbial growth on a range of textiles including uniforms, coveralls and towels supporting a reduction in bacteria and virus transmission

Features and Benefits

Exclusive Patented Non-Toxic Stabilisation

Vitec Nano Shield has been formulated using stabilisers that are “GRAS” Generally Recognised As Safe by the United States FDA and exempt from pesticide tolerance residue requirements.

Continuous protection for up to 50 wash cycles

Vitec Nano Shield has been independently tested and proven to deliver continuous antimicrobial protection for up to 50 wash cycles after only one application

Non leaching

Vitec Nano Shield eliminates the potential for micro-organisms to adapt or build up tolerance, or to become resistant.

Performance

Vitec Nano Shield is proven effective against gram-positive and gram-negative bacteria, viruses, mould/mildew, algae, fungi and yeast.

Safety

Vitec Nano Shield eliminates the hazards of conventional heavy metal antimicrobials

Excellent bonding capabilities

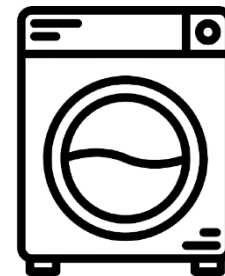
Vitec Nano Shield can bond with all textile materials including synthetics, woven and non-woven, cotton, polyester, polypropylene and other fabrics

Independently tested by



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Directions for use

Indications: **Vitec Nano Shield** is a textile treatment to inhibit microbial growth and support a reduction in bacteria and virus transmission.

Directions: Always prepare in a well-ventilated area.

Mix 1 part **Vitec Nano Shield** concentrate with 9 parts potable water. Mix thoroughly.

Add RTU to washing machine rinse cycle.

Use 1kg RTU to 10kg of textiles

Storage Instructions: Store this product and the diluted RTU in a cool, dry area away from direct sunlight and heat to avoid deterioration. Keep containers closed

Product properties of RTU

Active ingredient:	3-(trihydroxysilyl) propyldimethyloctadecyl ammonium chloride
Appearance:	Transparent yellow liquid
Odour:	Mild. Not objectionable
pH:	5.0-6.0
Refraction index At 25°C	1.37 (water=1)

ORDERING INFORMATION

<u>SKU</u>	<u>DESCRIPTION</u>
VNS - 25	Vitec Nano Shield 25 kg

