



## ADVANCED FRESHNESS PROTECTION

### COMFORT & CONFIDENCE

In today's turbulent times, the consumer's need for hygienic freshness is present now more than ever. CYLATE 20-19 protects textile surfaces from odor-causing bacteria, keeping consumers feeling fresh and odor-free for all day comfort and confidence.

The bacterial odor control feature provided by CYLATE 20-19 utilizes multiple functional surface modification techniques to control the attachment and subsequent growth of bacteria on the fabric surface. This feature can be attributed to the fast acting, polymer based quaternary ammonium silane compound which both physically and ionically reacts with contaminating bacteria to destroy the organism on contact.



**Neutralizes bacteria on contact**



**Applicable for non-woven, woven & knitted fabrics**



**Tested Using AATCC 100-IAC, ASTM E3160-18, ASTM E2149, JIS L 1902, ISO 20743, AATCC TM100, IACM 0710**



**EPA, BPR, REACH, OEKOTEX & bluesign® compliant**



**Effective against Gram Negative & Gram Positive bacteria**



**Applicable to cotton, polyester, polypropylene, viscose fiber and blends**



**≥99% Antibacterial Efficacy**



**Durable finish**



## CYLATE 20-19 *Fast Facts*

AN EPA REGISTERED QUAT SILANE TECHNOLOGY

- Durable polymer technology for all fiber types
- Can be utilized on a variety of textile applications such as home textiles, activewear, innerwear, casual wear, workwear, etc.
- Non-leaching & environmentally friendly
- Quick traceability test available to confirm the presence of CYLATE 20-19 on treated goods

CYLATE 20-19 freshness technology provides consumers extended use of textile products, reducing the amount of water, energy, and time spent on laundering.

N9 World Technologies is committed to the development of safe and extensively tested innovative technologies while finding a healthy balance between consumer requirements and the environment.



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