

Scienco/FAST – a division of Bio-Microbics, Inc.

12977 Maurer Industrial Dr., Sunset Hills, MO 63127-1515 USA Toll-Free: 866-652-4539 | o: 314-756-9300 | F: 314-756-9306

E: solutions@sciencofast.com | W: www.sciencofast.com



More than 35% of the natural surfactants in our cleaning products are derived from renewable raw materials*.

The following tests performed by **Clemson University:**

TEST COLORFASTNESS CLAIMS:

Variation of AATCC Test Method #61 2A Scour Laundering Test Method(s), ISO Test Method 105 C-06 - 1A or 2A, CAN/CGSB Test Method 19 (#2): This for evaluating is colorfastness of textiles that expected to withstand repeated hand laundering at low temperature of 40 ± 3 °C (105 ± 5 °F).

TEST HYPOALLERGENIC CLAIMS

rinsability Determining the residues test for fabrics. Test results conclude that if fabric had an indicated weight gain then residues exist in fabric.

Competing Leading Detergent: Using 100% cotton cloth diapers after controlled washing and drying eight (8x) times (at recommended levels) gained nearly 2% in weight.

Mighty Mike® Detergent: Those Using 100% cotton cloth diapers after controlled washing and drying eight (8x) times (at recommended levels four time (4x's) recommended levels) gained measurable weight at all.

FIRE-PROOF FABRIC PROTECTION:

Test Consumer Product Safety Commission Test 16 CFR 1615/1616 and ASTM Test D4723. This Standard provides lists of test methods used in the United States of America and Canada for measuring and describing the properties of textiles and textile products or assemblies in response to heat and flame under controlled laboratory conditions.

Procedure: Test fabrics (manufactured already resistant to fire) were washed with Mighty Mike® and two other leading detergents, dried and exposed to open flame for 50 cycles. Results were measured by char length at each cycle.

Results: Mighty Mike continued to improve the flame retardant properties after each washing to the point where the fabric would not catch fire at all. No other detergent tested improved the flame retardant properties of children's sleepwear.

Water-repellent fabric protection:

Measuring Water Repellency of Water proof Fabrics: Standard test method for fabrics resistant to water was used ASTM Water Spray Test D-1913 (AATCC22). This standard does not purport to address all of the safety concerns, if any, associated with its use and determine the applicability of regulatory limitations prior to use.

Procedure: Test fabrics (manufactured already resistant to water) were washed five (5x) times with Mighty Mike and two other leading detergents (specially formulated for active wear), dried and exposed to water.

Results: After 5 washings, fabrics washed by Mighty Mike" were above 90% water repellency. Whereas, the water repellency of the other leading detergents tested fell below 70% and 50% respectively.