KEN SHIELD

ATHLETIC LAUNDRY SANITIZER
Bacteriostat, Sanitizer, Virucide*, Deodorizer for Laundry

EPA Reg. No. 10324-117-67297
EPA Est. No. 1459-PA-01

ACTIVE INGREDIENTS:
Octyl Decyl Dimethyl Ammonium Chloride ............... 3.0%
Didecyl Dimethyl Ammonium Chloride ............... 1.5%
Diocetyl Dimethyl Ammonium Chloride ............... 1.5%
Alkyl (C14, 50%; C16, 40%; C18, 10%)
dimethyl benzyl ammonium chloride ............... 4.0%

INERT INGREDIENTS: ........................................... 90.0%
TOTAL .......................................................... 100.0%

KEEP OUT OF REACH OF CHILDREN
DANGER PELIGRO
See side panel for additional precautionary statements and first aid statements.

Net Contents: 1 U.S. Gallon
KenShield Athletic Laundry Sanitizer is for use as a laundry sanitizer / bacteriostatic / deodorizer on washable fabrics such as athletic apparel and athletic clothing. This product works as a laundry sanitizer against bacteria and is effective against the HIV virus. KenShield Athletic Laundry Sanitizer eliminates bad odor found on wet and soiled laundry. Fabric treated with KenShield Athletic Laundry Sanitizer, which has become contaminated or soiled through use, will inhibit the growth of many organisms not only at the time of exposure, but also through the handling and transportation until the garments are again laundered and treated with this product. KenShield Athletic Laundry Sanitizer sanitizes fabrics, reducing bacterial count by 98.9%.

ORGANISM GUIDE

**Laundry Sanitizer Performance:** At 1 ounce per gallon of water (780 ppm of active quat) (12 ounces per 100 lbs of dry laundry) use level, KenShield Athletic Laundry Sanitizer was evaluated against Pseudomonas aeruginosa, Staphylococcus aureus, Klebsiella pneumoniae, and Methicillin-resistant Staphylococcus aureus (MRSA).

**Laundry Bacteriostatic Performance:** At 10 ounces per 100 lbs of dry fabric use level, KenShield Athletic Laundry Sanitizer was evaluated against Corynebacterium ammoniagenes, Staphylococcus aureus, and Klebsiella pneumoniae.

**Dilution Chart:**
- For Laundry Sanitizer 12oz/100 lbs. of dry fabric
- For Laundry Bacteriostatic claims 100oz/100 lbs. of dry fabric

DIRECTIONS FOR USE

It is a violation of Federal Law to use KenShield Athletic Laundry Sanitizer in a manner inconsistent with its labeling.

COMMERCIAL AND INSTITUTIONAL LAUNDRY USE

For residual bacteriostatic activity against gram negative and/or gram positive odor-causing bacteria, residual self-sanitizing activity against Klebsiella pneumoniae and Staphylococcus aureus, use KenShield Athletic Laundry Sanitizer as directed.

**Initial Treatment:** Use 10 ounces of KenShield Athletic Laundry Sanitizer (or equivalent use dilution) per 100 pounds of fabric (dry weight). Dilute the appropriate amount of this product in one to two gallons of water then add this solution to the wash wheel at the beginning of the final rinse cycle. A minimum rinse cycle time of 5 minutes is required.

**Repeat Treatment:** Follow Initial Treatment directions and re-treat fabric after each washing (if odor persists).

**LAUNDRY SANITIZER:** KenShield Athletic Laundry Sanitizer is used in the final, warm rinse cycle at a low water level. Dilute the appropriate amount of this product (1 ounce per gallon of water) (12 ounces per 100 lbs. of dry laundry) (780 ppm active quat) (or equivalent use dilution) then add to the wash in the final rinse, or disperse directly through automatic dispensing equipment. Run for a minimum of 5 minutes. Retreat as necessary. KenShield Athletic Laundry Sanitarians will not harm fabrics. DO NOT USE IN THE PRESENCE OF, OR MIX WITH OTHER CHEMICALS.

When added at the rate of 1 oz/gal water to yield 780 ppm active quat (1 ounce per gallon of water) (12 ounces per 100 lbs. of dry laundry) (or equivalent use dilution), this formulation provides sanitation against Staphylococcus aureus, Klebsiella pneumoniae, Pseudomonas aeruginosa, and Methicillin-resistant Staphylococcus aureus (MRSA) and is effective against the HIV virus. This product is effective in rinse water up to 200ppm hard water.

**KILLS HIV-1 ON LAUNDRY IN COMMERCIAL, INDUSTRIAL AND INSTITUTIONAL APPLICATIONS.** KenShield Athletic Laundry Sanitizer provides virucidal activity against HIV-1 on fabrics when pre-soaked with a 10-minute contact time followed by normal washing in detergent and rinsing at a rate of 12 ounces per 100 lbs. of dry laundry up to a water hardness of 400 ppm.

**LAUNDRY BACTERIOSTAT FOR COMMERCIAL, INDUSTRIAL, AND NON-MEDICAL INSTITUTIONAL LAUNDRY APPLICATIONS:** KenShield Athletic Laundry Sanitizer provides the fabric with residual bacteriostatic activity against odor causing gram-negative and gram-positive bacteria when KenShield is added to the final rinse at a rate of 10 ounces per 100 lbs. of dry laundry.

**LAUNDRY DEODORIZER (AGAINST ODOR CAUSING BACTERIA):** Use 3 ounces per 100 pounds of dry weight fabric. Dilute the appropriate amount of KenShield Athletic Laundry Sanitizer in one to two gallons of water, then add to the washwheel in the final rinse. Re-treat fabric after each washing. For activity against odor causing bacteria, conditions of high relative humidity or wet contamination are required.

**First Aid**

Have the product container or label with you when calling a poison control center or doctor, or going for treatment.

**IF ON SKIN OR CLOTHING:** Take off contaminated clothing. Rinse skin immediately with plenty of water for 15-20 minutes. Call a poison control center or doctor for treatment advice.

**IF IN EYES:** Hold eye open and rinse slowly and gently with water for 15-20 minutes. Remove contact lenses, if present, after the first 5 minutes, then continue rinsing eye. Call a poison control center or doctor for treatment advice.

**IF SWALLOWED:** Call a poison control center or doctor immediately for treatment advice. Have person sip a glass of water if able to swallow. Do not induce vomiting unless told to do so by a poison control center or doctor. Do not give anything by mouth to an unconscious person.

**IF INHALED:** Move person fresh air. If person is not breathing, call 911 or an ambulance, then give artificial respiration, preferably mouth-to-mouth, if possible. Call a poison control center or doctor for further treatment advice.

**NOTE TO PHYSICIAN:** Probable mucosal damage may contraindicate the use of gastric lavage.

**PRECAUTIONARY STATEMENTS**

**HAZARDS TO HUMANS**

**AND DOMESTIC ANIMALS**

DANGER. Keep Out of Reach of Children. Corrosive. Causes irreversible eye damage and skin burns. Harmful if swallowed. Inhaled or absorbed through the skin. Avoid breathing spray mist. Do not get into eyes, on skin or on clothing. Wear goggles or face shield and rubber gloves and protective clothing when handling. Wash thoroughly with soap and water after handling and before eating, drinking, chewing gum, or using tobacco. Remove contaminated clothing and wash clothing before reuse.

**PHYSICAL OR CHEMICAL HAZARDS**

Do not use or store near heat or open flame. Do not mix with oxidizers, anionic soaps and detergents.

**STORAGE AND DISPOSAL**

Store in original container in areas inaccessible to small children. Do not store on side. Avoid creasing or impacting of side walls. Do not reuse empty container. Wrap and discard in trash (or recycle). Manufactured for: Kennedy Industries

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