

# San-A-Safe Sports Gear Sanitizer



*The Natural Solution*

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# Staph Facts

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- ✦ The Center for Disease Control (“CDC”) recognized a major increase in methicillin-resistant Staphylococcus Aureus (“MRSA”) since the year 2000 and has issued new recommendations to schools and teams in 2003 to routinely clean sports equipment in response to outbreaks of infectious MRSA.
- ✦ MRSA has plagued NHL and NFL team members for years.
- ✦ In 2002, six University of Texas players were diagnosed with MRSA; and in 2003, seven players from Southern California University became infected, resulting in four being hospitalized.
- ✦ Also, four players in the NHL were hospitalized and missed games due to skin infections in 2003.
- ✦ The death of a collegiate all-star football player within two weeks after contracting MRSA confirms the seriousness of this health threat.
- ✦ Also, three children in Houston have died from this infectious disease in the years 2003 and 2004.

# Staph Facts

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- ✦ **Staphylococcus Aureus:** Commonly found on the skin, often getting into the body through cuts and abrasions causing infection. Can become more serious leading to blood infections and pneumonia. Most often found in helmets.
- ✦ **Staphylococcus Epidermidis:** One of the most commonly isolated organisms found on gloves, elbow pads, chest protectors and elbow pads.
- ✦ **Streptococcus Viridans:** Organism in the mouth and found on shin pads and elbow pads.
- ✦ **Streptococcus Faecalis:** Bacteria often found in the intestinal flora - associated with stool or feral samples.
- ✦ **Enterics:** Found in fecal organisms; and **Coliform:** Forms of yeast, fungus, and mold.

# Staph Facts

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- ✦ Staphylococcus Aureus is easily transmitted via towels, sports equipment, and direct contact and has the potential to spread and cause outbreaks among players of competitive sports.
  - ✦ Professional athletes in both football and hockey have been hospitalized due to bacterial infections associated with Staphylococcus Aureus.
  - ✦ Programs and schools are not effectively washing and sanitizing equipment to levels needed to prevent outbreaks.
  - ✦ The perfect breeding ground for bacteria in sports equipment creates an even greater concern.
  - ✦ The overuse of antibiotics has created a resistance to treatments of infections and has allowed new strains of bacteria to evolve.
  - ✦ They are deadly, difficult to treat and can leave a victim with permanent skin and bone damage and, in some cases, can cause death within a matter of hours.

# Features & Benefits

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- ✦ Effectively cleans, sanitizes and deodorizes sports gear/equipment, effectively killing 99.9% of the bacteria fungus, protein and MRSA.
- ✦ Results in only 60 seconds of contact time.
- ✦ Our special product addresses concerns associated with MRSA by killing it at the source.
- ✦ The only bacteria-reduction system that will protect equipment from formation of new bacteria.
- ✦ Eliminates odors, “Locker Room Stench,” by removing bacteria, fungus, yeast and mold that causes foul odors.
- ✦ Apply by vaporizing the bacteria and fungus with a completely all-natural process.
- ✦ Any and all materials that cannot or should be washed can be treated.
- ✦ All-natural, bio-based and biodegradable.
- ✦ Strong residual effect – continues to work for days after application.
- ✦ Not affected by the presence of organic material.

# Efficacy Profile

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Organism	% Kill Rate
MRSA NCIMB 50142	>99.9
E. coli 0157	>99.9
P. aeruginosa	>99.9
S. aureus	>99.9
Candida albicans	>99.9
Aspergillus niger	>99.9
Salmonella typhi murium	>99.9
Listeria monocytogenes	>99.9

# Football Equipment

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- ✦ San-A-Safe is ideal for the cleaning of football shoulder pads and protective equipment. It is able to clean and sanitize blood, sweat, bacteria, fungus and MSRA from gear and equipment.
- ✦ There are over 3 million high school football players in the United States.
- ✦ There is a real need to clean filthy football equipment, not only due to the smell, but also because players are developing rashes and, in some cases, even dying from infectious diseases.
- ✦ Virtually all football equipment can be cleaned and sanitized, from helmets to cleats.



# Hockey Equipment

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- ❖ Deep inside filthy equipment, there is a multitude of germs destroying gear and causing skin irritations and rashes.
- ❖ Health concerns associated with protective gear for playing hockey have been a concern since their advent for protective wear.
- ❖ A fundamental reason for this is the lack of an effective cleaning method for the equipment.
- ❖ Left unclean, equipment becomes contaminated and, as a result, is an ideal environment for bacteria, mold and fungus to grow.
- ❖ Virtually all hockey equipment can be cleaned, from helmets to skates.



# Other Sports

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## ✦ BASEBALL:

- ◆ Catchers' Gear
- ◆ Chest Protectors
- ◆ Shin Guards
- ◆ Helmets
- ◆ Gloves

## ✦ SOCCER:

- ◆ Elbow Pads
- ◆ Arm Guards
- ◆ Gloves
- ◆ Rib Pads
- ◆ Shoulder Pads



# Application

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- ✦ The frequency that you clean and sanitize your gear/equipment will depend on how often it is used.
- ✦ Under typical usage (1-3 times per week), equipment will generally remain fresh for 8 to 12 weeks after using our product.
- ✦ Spray soiled surface until completely covered. Let stand 1 minute. Wipe with damp cloth.
- ✦ Apply 4 ounces of product to one gallon of water in washing applications.

# Summary

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- ✦ The need for specialized cleaning and sanitizing is becoming more prominent in today's world.
- ✦ Teams can simply not afford to ignore the substantial health risks involved due to the fact that disease is manifested by bacteria that accumulates in any equipment that is not properly sanitized.
- ✦ Excellent player hygiene is important to prevent the spread of these infectious diseases. Several associations and national organizations have guidelines for player hygiene that include the care and maintenance of their equipment.