

Pathene™ Inc. Sport Clean

What causes that disgusting smell in your equipment? Here's the dirt on why gear stinks:

Bacteria like *Staphylococcus aureus*, *Staphylococcus epidermis*, and mold, are feeding on your sweat and body secretions to produce offensive odours. If not treated.... this is where disease and skin infections come in.

Sports Equipment stinks not only because of the sweat you leave behind when you wear it, but because of the bacteria and mold that multiply on your gear when you are not wearing it!

There are many effective methods for disinfecting gear, but disinfecting is not enough! Disinfecting kills the microbes that are present during the disinfection process, but leaves no residual protection. As soon as you use your gear, or even touch it once, bacteria starts to regrow.

Technology

Pathene™ is a PMRA registered, antimicrobial technology designed to protect surfaces. Pathene™ provides treated porous and non-porous surfaces with long lasting protection from the growth of a wide array of bacteria, mold, fungus, and algae. Pathene™ is an approved textile preservative and will increase the longevity of the gear that it treats by protecting it from degradation caused by harmful microbes. Pathene™ is unique because it is the only water-based anti-microbial surface protectant approved for use in Canada. Pathene™ does not contain any heavy metals, and it does not leach, volatilize or migrate from the surfaces it protects.

How can Pathene™ help?

Unlike other cleaning methods, Pathene™ provides a long-term inhibition of microbial growth on treated surfaces. This means it is a great step to add to the cleaning process of sports equipment and sports facilities to provide continuous protection in between cleaning intervals.



The following is a study from Ryerson University showing the efficacy of Pathene on *Staphylococcus Aureus*, Efficacy on Viruses, available upon request.



Table 2.3.3: Percent reduction of the bacteria when comparing bacteria recovered from the inoculated test and the bacteria recovered immediately before incubation. A negative percent reduction indicates growth during the inoculation period.

| <i>S. aureus</i> | Cotton | | Polyester | |
|------------------|--------|---------|-----------|---------|
| | Dipped | Sprayed | Dipped | Sprayed |
| Pathene 500 | 99.34 | 98.66 | 99.30 | 98.92 |

| <i>K.pneumoniae</i> | Cotton | | Polyester | |
|---------------------|--------|---------|-----------|---------|
| | Dipped | Sprayed | Dipped | Sprayed |
| Pathene 500 | 99.95 | 99.88 | 99.99 | 99.91 |

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www.pathene.com