

## **Skin Protectant Helping to Prevent MRSA**

Eugene, Ore.

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From courtrooms to classrooms to prisons, authorities are looking for ways to help protect workers and the public from the public health threat of MRSA by preventing bacteria (like those that cause MRSA outbreaks) from reaching the skin in the first place. Usual practices focus on sanitizing public places or using hand sanitizers, frequent hand-washing and even gloves and other personal protection equipment. But none shield the skin from "new" bacteria or harsh chemicals.

**A Eugene, Ore. company is launching Bio-Safe™ Skin Protectant, a unique product to help protect workers and the public from contamination and cross contamination even in a contaminated environment.**

**Bio-Safe™ Skin Protectant patented formula is** *designed to help shield workers against infectious bacteria and harsh chemicals that can assault the skin and cause infections like MRSA, as well as, contact dermatitis and dangerous cross contamination.*

**Bio-Safe doesn't sanitize a contaminated environment—Bio-Safe is designed to protect the skin even in a contaminated environment.**

**Bio-Safe already is being used successfully in many environments.**

**John Sehorn, owner of Sanitation & Safety Services in Milwaukie, OR,** says that Bio-Safe has been essential to the success of his company and to the health of the food service industry he serves. **Sehorn** uses Bio-Safe for protecting his workers who specialize in sanitizing food industry environments. "We do what nobody else does to deal with bacteria in food stores and food processing plants," says Sehorn, whose company has served Oregon food-related industries for 12 years. "With Bio-Safe, we've seen a 30% decrease in employee sickness each year."

According to **Tim Bennett**, former coordinator of the Life Safety Coordination Program for the Colorado Territorial Correctional Facility, the Department of Corrections in Colorado is using Bio-Safe Skin Protectant in at least six separate facilities. "I've been spit on, had feces and urine thrown on me several times during my career. With Bio-Safe, I got that extra protection," says Bennett.

## More information about Bio-Safe

### **Bio-Safe™ Skin Protectant provides Self Defense for Skin**

**What makes Bio-Safe unique is that once the lotion is applied, it will not wash off or rub off for up to four hours—even with repeated hand washing.** Bio-Safe™ Skin Protectant is a patented polymer formula lotion that protects, heals and nourishes skin. **Bio-Safe Skin Protectant is not a hand sanitizer. Sanitizers are designed to temporarily kill germs already on the skin—sanitizers do not prevent contamination or re-contamination.**

Bio-Safe Skin Protectant lotion actually helps **prevent** contamination and skin absorption of most harsh chemicals and toxic and odorous compounds by forming an invisible electrochemical bond to the outer epithelial layer of the skin. Bio-Safe may be applied to hands, neck, forearms, legs—any area exposed to contaminants. **Bio-Safe doesn't sanitize a contaminated environment—Bio-Safe shields the skin--even in a contaminated environment.**

### **Effective against costly contact dermatitis**

Bio-Safe has been proven very effective against contact dermatitis, a stubborn, elusive and destructive adversary for workers in many occupations. Dermatitis accounts for 40% of all occupational illness and costs more than a billion dollars yearly in medical and disability payments, lost productivity and time. (Journal of American Dermatology)

### **The backup plan workers can trust**

Bio-Safe is not a replacement for Personal Protection Equipment. However, gloves can tear or wear through, exposing skin to irritants. Bio-Safe works under gloves, where its protective polymer is the first line of defense against water and harsh chemicals while preserving the skin's health. In addition, Bio-Safe Skin Protectant is the backup plan workers can trust if they are exposed to contamination before they can get gloves or face shields in place.

### **An invisible, nourishing protective net**

If hands are chapped, cracked and dry from the work environment, Bio-Safe hastens healing and rehabilitates the affected skin. The Vitamin E and Glycerin-enriched lotion dries to an invisible, nourishing protective "net" that allows skin to breathe and perspire while retaining its own natural moisture—even under gloves and other Personal Protection Equipment (PPE).

### **Safe to use**

Bio-Safe is hypoallergenic. Clinical tests have shown the product to be orally non-toxic and non-irritating to eyes. Ingredients are classified as GRASE (Generally Regarded as Safe & Effective). Bio-Safe contains no scenting agents and no ethyl alcohol and does not transfer. Bio-Safe Skin Protectant is manufactured and tested in FDA registered labs.

### **Dispensing options for Bio-Safe Skin Protectant include:**

Locking stainless steel dispensers deliver a pre-measured amount and contain over 1000 applications. Also available in a variety of sizes ranging from handy flip top 1,2,4 and 8 oz sizes for pockets, desk, or vehicle, and a 1 liter size with pump.

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# Protect, Prevent Skin Damage in Workplace

(MS) — Nearly half of all work-related illnesses are related to skin diseases. Nearly half. Look around your workplace. Are you vulnerable to chemicals, infection or contamination?

One of the most common types of skin damage is dermatitis, a painful condition that causes billions of dollars in lost time and productivity and even more spent on skin disease treatments. But even one day or one dollar lost because you develop this painful skin condition is too much.

Dermatitis is characterized by dry skin that may include cracking, swelling, itching, redness, scaling, blisters, or patches that resemble burns. Any form of dermatitis can be so debilitating that people are forced to change their occupation due to excessive time off work or the discomfort.

A remarkable array of industries and employees can be affected by dermatitis. Just a few occupations that may include risk for employee:

- food handlers and bartenders
- medical and dental workers
- sanitation and hospitality employees
- public safety workers
- child caregivers
- retail cashiers and bank tellers
- construction workers or outdoor contractors
- hairdressers

And you may be more susceptible than you think. According to *Occupational Health Journal*, you don't need to be in contact with hazardous or harsh chemicals to put your skin in danger. Water is the most common irritant. Many occupations require frequent hand washing.

A whole range of chemicals (including water) can cause the skin to break down even under gloves and other personal protection equipment. This breakdown results in moisture loss, and can ultimately lead to skin disease, especially dermatitis. Skin breakdown, even when it's very mild, can increase your susceptibility to antibiotic-resistant



strains of bacteria like MRSA and Staph as well.

The bacteria, contamination and chemicals don't respect the boundaries of your workspace. You can also affect your customers and even bring the danger home to your family.

How do you defend your skin from the barrage of irritants that you may come into contact with?

The first, and simplest way is to avoid contact with chemicals or substances you know to be irritants. That's not always possible, though. It's also important to wash your hands regularly. But even that can contribute to dermatitis if done too often.

Be sure to wear the right protective equipment. Choose gloves and clothes that are appropriate for the type of work you're doing. However, gloves can tear or break, allowing bacteria and irritants to reach the skin. Materials used in gloves also can cause irritation.

Finally, industry experts recommend using a skin protectant, a type of lotion that helps prevent the absorption of harmful chemicals while keeping the skin's moisture intact. For best results, use a skin protectant designed to shield the skin from bacteria and irritants,



**Bio-Safe™ Skin Protectant provides up to 4-hours of protection against chemicals, bacteria and contamination for workers, customers and their families.**

even in a contaminated environment.

Bio-Safe™ Skin Protectant, by Eclectic Products, Inc., is one such product. It has a patented polymer formula that creates an invisible shield on your skin to help protect you against infectious bacteria and harsh chemicals that can lead to serious infection.

"I've been using Bio-Safe Skin Protectant for eight years," says John Sehorn, owner of Sanitation & Safety Services in Milwaukie, Oregon. "It does what it's supposed to do. I get cuts and they heal almost overnight. I put it by the time clock so employees can use it when they punch in and when they come back from lunch."

Bio-Safe also works alongside personal protective equipment like gloves, to add a second layer of protection. And when applied to clean, dry skin, Bio-Safe will last for up to four hours, even with repeated hand washing.

Defend yourself from the invisible threats to your skin. Prevent, protect and nourish with Bio-Safe Skin Protectant — self defense for skin. For more information: visit the Bio-Safe Web site at [www.biosafe-inc.com](http://www.biosafe-inc.com) or call (800) 349-4667. *HM081375*