

FAQS ABOUT BIO-SAFE™ SKIN PROTECTANT

1. What ingredients make the product work and how does it work?

Dimethicone, PVP, and Stearic Acid combine to form a polymer coating that bonds with the dead outer layer of skin. All ingredients are Generally Regarded As Safe and Effective (GRASE). This protective coating helps the body grow and maintain healthy skin. The Triclosan (0.3% Irgasan 300, Ciba Geigy) is an antibacterial ingredient.

2. Does it cure contact dermatitis?

Bio-Safe Skin Protectant's polymer coating interferes with dermo-absorption of caustic substances, thus enabling the body's normal healing processes to prevail.

3. Can it replace gloves?

Some work requires gloves as personal protection equipment. However Bio-Safe Skin Protectant polymer coating does provide a secondary layer of protection for cuts or scrapes on gloved hands, especially if the gloves are torn.

4. How often do I have to apply the product?

Normally, every 3 to 4 hours (if working with abrasive materials, however, every 2 to 3 hours). Always apply to clean, dry skin, and wait a minute or two for it to set up, or until it feels satiny before proceeding with your work. Bio-Safe Skin Protectant can be applied to any of the body's dry skin. It is not effective with mucous membranes.

5. How do I remove it?

Over a period of hours, Bio-Safe Skin Protectant protective coating sloughs off along with the normal shedding of the skin's dead outer layer of skin.

6. Can I use hand lotion over (or under) Bio-Safe Skin Protectant?

You can use hand lotion over but not under Bio-Safe. However, hand lotion isn't necessary. Bio-Safe Skin Protectant nourishes the skin. Its patented polymer coating helps the skin retain natural oils, thus softening the skin tissue. Do NOT apply hand lotion before applying the Lotion—it may interfere with Bio-Safe bonding to the outer epithelial layer of skin.

7. What bacteria is it effective against?

Clinical tests have shown that Bio-Safe Skin Protectant effectively inhibits the growth of a wide range of pathogens including E.coli, Salmonella, Listeria, Staph Aureus, Staph Aureus MRSA, Strep and others

8. Will it come off onto food?

As Bio-Safe Skin Protectant dries on the skin, it forms an inert, orally non-toxic polymer coating that electrochemically bonds to the skin. It does not transfer to other surfaces.

9. I have sensitive skin. Will I have a reaction?

To test for reaction, apply a small amount to the underside of the wrist and wait 20 - 30 minutes. A Repeat Insult Patch Test on 100 humans classified the product as non-irritating and non-sensitizing.

10. What happens if I apply it over eczema? Psoriasis? A cut or a sore? If I have a rash, can I put Bio-Safe over it and swim?

It is okay to apply Bio-Safe Skin Protectant over eczema, psoriasis, and a rash. You also may apply over a cut or sore that is dry (not weeping or bleeding). Bio-Safe won't wash off.

11. What if a child swallows it?

Even though New York AMA Laboratory tests found Bio-Safe Skin Protectant lotion to be Orally Non-Toxic, we recommend contacting your doctor immediately.



12. What if it gets into the eyes?

Tests found Bio-Safe Skin Protectant to be non-irritating to the eye. In the event the product gets in the eye, rinse the eye with water.

13. Does it protect against poison oak?

Yes. Apply prior to exposure.

14. Will it protect against HIV?

According to ViroMed Laboratory, tests under controlled conditions in the lab show Bio-Safe Skin Protectant as 99.9% effective for inactivating the HIV virus. However, this product has not been tested against HIV in humans.

15. Prevent mosquito bites? Other uses?

We have successfully tried it to prevent mosquito bites, but have no tests to confirm this. Clinical tests have shown the product is safe to use so we encourage you to try it in a variety of settings. Bio-Safe Skin Protectant does not work as a sun screen.

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RESEARCH: CLINICAL TESTS

Skin Sensitivity Test (Repeat Insult Patch Test)

BioScreen's dermatological study showed no adverse reactions. Bio-Safe Skin Protectant classified as Non-Irritating and Non-Sensitizing.

Oral Toxicity Test

Classified as Orally Non-Toxic: AMA Laboratories, Inc reported no abnormal findings. The results indicate the lotion is orally non-toxic.

Eye Irritation Test (Draize Test)

Classified as Non-Irritating: AMA Laboratories, Inc. tests showed Bio-Safe Skin Protectant was non-irritating, with no irritation in any of the areas of the eye on any of the subjects (all scores of "0").

Bacterial Inhibitions

Pathogens tested include E.Coli, Enterobacter, Pseudomonas aeruginosa, Klebsiella, Micrococcus, Proteus, Serratia marcescens, Staphylococcus aureus, MRSA, Salmonella typhi, Streptococcus pyogenes, Listeria monocytogenes, Shigella dysenteriae, and Shigella sonnei. Inhibition of growth was clearly shown in all of the bacteria tested.

Bio-Safe Antibacterial Residue Test

Reduction of Bacteria Counts: A modified glove-juice test demonstrated a reduction of bacteria counts three hours following treatment of the hands.

Dermal Absorption of MEK Test

Absorbed Less MEK: Mocon Labs found there was 740 times less MEK absorbed through skin treated with Bio-Safe Skin Protectant than with untreated skin.

Infection Control Study

Infections and Sick Days Decrease: Health care workers using Bio-Safe Skin Protectant on a regular basis had over a 50% decrease in patient infections from the previous year. Flight attendants using the Skin Protectant had a 7% decrease in the number of sick occurrences and a 23.7% decrease in the number of sick days used compared to one and two years prior.

