

# GermFree24 Questions and Answers

## How do I use GermFree24 ?

Spray GermFree24 directly on to the hands until the hands are moistened. Rub hands together and let dry.

## How can I tell that GermFree24 remains effective for the 24 hours?

Once GermFree24 has dried, the one single application will provide protection for 24 hours or up to 10 washings.

## How will my hands feel once I have applied GermFree24?

On application hands feel silky and moisturised without leaving a visible film or coating. A single application of GermFree24 will act like a glove, providing an invisible bond to the skin for 24 hours without the need for reapplication.

## Should I apply GermFree24 more than once a day?

After 24 hours, sufficient exfoliation has occurred and enough skin shed to warrant reapplication. To compensate for this normal exfoliation process we recommend using GermFree24 twice a day however you can apply GermFree24 as regularly as you wish.

## Will GermFree24 wash or rub off?

No. GermFree24 does not rub off and will remain active on the skins surface for up to 10 washes. We recommend that normal hand hygiene is practised when using GermFree24 to ensure hands are kept clean.

## Will GermFree24 remove dirt or grease?

No. GermFree24 is a protectant and a sanitizer and will eliminate germs and continue to protect the hands for 24 hours. It is not a cleanser so will not remove dirt and grime from the hands.

## What does GermFree24 look like?

GermFree24 is a colourless liquid that is invisible on application. It forms an antimicrobial barrier on the skin and will not stain clothing nor will it stain the skin.

## Does it contain alcohol?

Unlike other hand sanitizers, which can contain 60 -70% alcohol and can be very drying, GermFree24 contains only 18% alcohol. On application GermFree24 leaves hands soft and moisturised.

## Does the normal human process of loosing skin cells compromise Zoono GermFree24's efficacy when it is used on the hands?

No. Testing indicates with no washing or showering, the maximum amount of time Zoono Germ Free 24 will remain on the skin and resist bacterial colonization is 64 hours. Zoono Germ Free 24 should be used it at least once a day to maintain maximum effectiveness. The once a day application will help cover those areas where skin cells were shed.

## What is a normal rate for sloughing off human skin cells?

A sitting person loses 100,000 skin cells/minute, a person walking at 3 kph loses 5.0 million skin cells/min and a fast walking person (8kph) loses 10 million/minute (Source: Dr, Ken Goldstein, Clean Rooms, 7/99).

## When Zoono Germ Free 24 is applied to the hands will it allow the skin to function normally eg. produce its own oil and sweat?

Yes. Zoono Germ Free 24 does not inhibit the normal function of the skin. The silicate layer produced by application of Zoono GermFree24 and which bonds to the skin is transparent to gasses and allows the skin to "breathe" normally. It has a tendency to reduce moisture loss, hence a moisturizing agent.

## Can people with very thin skin use Zoono Germ Free 24?

There is no data to show that Germ Free 24 will add to skin thinning. It is believed the thin film of AMOSILQ will add a strengthening layer that also protects against pathogens.

## Is Zoono GermFree24 also a good moisturizing agent?

Zoono Germ Free 24 is an aqueous solution and hence is the ultimate moisturizer (adding water to the skin). Alcohol based skin sanitizers remove moisture (and oils) from the skin by dissolving the moisture and causing rapid evaporation. This dries out the skin, promoting cracking and peeling.

## Does the use of Zoono Germ Free 24 make the hands appear softer?

Yes. The softness experienced with Zoono Germ Free 24 usage is due to the skin retaining moisture first introduced by the application of Zoono Germ Free 24 and secondly by the AMOSILQ layer lubricating and restricting further loss of moisture from the skin.