

# A novel skin disinfection product with a unique emollient and moisturizing effect on the skin

AKVANO® Skin Disinfection is a new, highly effective yet skin friendly disinfection product, which is now available for your brand. The formulation is based on the novel proprietary lipid-based technology AKVANO®.

Antiseptics are mainly used to reduce levels of microorganisms on the skin and mucous membranes, which are home to a large number of usually harmless microorganisms. However, when the skin or mucous membranes are damaged or breached in surgery, antiseptics can be used to disinfect the area and reduce the risk of infection. It is also important that people who treat patients with wounds or burns adequately wash their hands with antiseptic solutions to minimize the risk of cross infection.

AKVANO® Skin Disinfection contains only two ingredients, phospholipids and denatured alcohol, both of which are well known in dermatology applications and safe to use on normal or irritated skin.

The high ethanol content in this new generation disinfection product is effective on all bacteria, viruses and fungi, while the phospholipids provide a unique emollient and moisturizing effect, leaving the skin soft and hydrated. As the phospholipids counteract the dehydrating effect of ethanol, a maximum content of the ethanol can be used for effective killing of all microbes.

AKVANO® Skin Disinfection provides a lipid layer, which strengthens the skin barrier and gives a moisturizing effect on the outer skin (*stratum corneum*). The formulation is also a non-irritant, safe to use and has minimal alcohol odor. Phospholipids are natural materials of vegetable origin

(soybean), which are non-toxic, very well tolerated, dermatologically safe and enjoy Generally Recognized as Safe GRAS status.

AKVANO® Skin Disinfection is available as a spray or as wipes. The spray product is manufactured in cooperation with Aurena Laboratories AB, whose Bag-on-valve spray technology guarantees product integrity and function. For more information see [www.bagonvalve.com](http://www.bagonvalve.com)

## Intended use

For disinfection of hands and other parts of the body. For preventing and treating infected wounds and burns, as well as treating minor cuts, abrasions and burns.

## Claims

- Antibacterial, antiviral and antifungal effect
- Phospholipids counteract the dehydrating effect of ethanol and leave skin soft and hydrated
- Provides a unique emollient and moisturizing effect on the skin
- Non-touch application
- Can be sprayed from any angle



## Facts

### Market segment

Skin disinfection, Personal care and Professional use.

### Composition

Phospholipids, denatured alcohol.

### Classification

Disinfectant.

### Effect validation

Antiviral effect: EN 14476 test Efficacy on hygienic handrub: EN 1500 test. Non-irritant: *in vitro* skin irritation test Epi-Derm™ EPI-200-SIT.

### IP

AKVANO® technology is patent-protected.

### Shelf life

3 years.

### Packaging

Available as Bag-on-Valve spray container, pump bottle or wipes.

### Presentation

Customized design possible using sticker labels and preprinted cans (recommended for 25,000+ per order).