



Fluorescent test concentrate for checking wetting gaps in hand hygiene

# schülke optics concentrate

## Our plus:

- Fluorescent concentrate for combination with an alcohol-based hand disinfectant
- Train hand disinfection techniques and visualize wetting gaps under UV lights
- Individual and group training, teaching sessions in training centers, clinics and practices as well as in testing, sampling, studies and serial examinations
- Dermatologically tested
- Incl. training label for the combination product desmanol® pure

## Application method

### 1. Produce a training solution:

Before starting the training, pour the contents of the schülke optics 10 ml concentrate bottle into a full 500 ml bottle of schülke hand disinfectant (e.g. desmanol® pure). Shake the content briefly. Place the schülke optics training sticker on the 500 ml bottle in order to avoid confusion with regular hand disinfection content.

### 2. Start the hand disinfection training:

Rub the training solution into hands based on hygienic or surgical hand disinfection steps.

### 3. Visualize the result:

To uncover wetting gaps hold your hands under the UV lamp (366 nm). It will reveal bright, luminous areas as well as dark areas on the skin. Lighter areas indicate better wetting and therefore more effective disinfection. The dark areas show skin that received insufficient or no disinfectant – validating the quality of your hand disinfection technique.

## Information for order

Item	Item no.
schülke optics concentrate 10 ml-bottle	70003662

## Combination products

Item	Delivery form	Item no.
desmanol® pure 500 ml-bottle	20/Carton	125211 GTIN: 4032651962518 PZN: 16582636

## Accessories / dosing aids

Item	Item no.
Dosing pump for 500 ml / 1 L	180303

For detailed information, please refer to the schülke preparation information „Accessories and dosing aids“.

## Ingredients

Glycerin, 2-(2-butoxyethoxy)ethanol

## Special instructions

Do not use the concentrate undiluted, but only in combination with alcohol-based hand disinfectants for training purposes according to instructions. Store the concentrate in the dark.

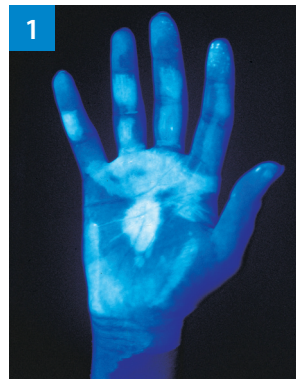
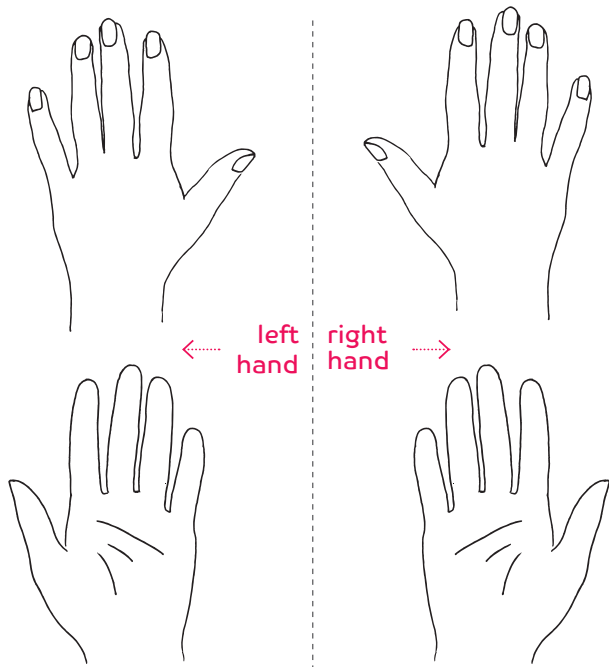
To ensure the training solution is not used for hand disinfection, proper labeling and disposal must be ensured by the trainer. If spilled, there may be residues of fluorescent and alcohol. Do not allow to dry but clean up immediately.



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## The result in a matter of seconds

Perfect hand disinfection is the most important measure of infection prevention. Therefore, correct product application is crucial.



**Pic. 1:**  
Dark areas – wetting gaps are visible here

It is clearly visible that the areas, e.g. on the thumb and fingertips, are darkened. Showing that the wetting of the hands during disinfection was carried out insufficiently.

Please also take note of our flyers and stickers on the steps of hygienic hand disinfection.



**Pic. 2:**  
The surface is consistently light – correct method!

No detection of wetting gaps as proof of hand disinfection carried out correctly.

Here you can mark the areas with insufficient wetting during the schülke optics application. You will recognize them by the fact that they appear dark under the UV light.

## Environmental information

schülke manufactures products economically and with advanced, safe and environmentally friendly production processes while at the same time maintaining our high quality standards.

## Expert opinion and information

Please visit our website for an overview of all available literature/reports on the product: [www.schuelke.com](http://www.schuelke.com)

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Schülke & Mayr GmbH holds a Manufacturer's Authorisation according to sect 13 para 1 German Drug Law and Certificates of GMP Compliance for medicinal products.

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