

schülke optics concentrate

Fluorescent test concentrate for checking wetting gaps during hand disinfection

More safety in hand disinfection

Hand disinfection is a challenge especially for those responsible for hygiene in the health sector, where the average compliance rate is 50 percent. Effective hand disinfection is one of the most important factors in protecting patients optimally against healthcare-associated infections. However, disinfection must be carried out properly as required by the situation, without wetting gaps. Frequent sources of error are failure to use hand disinfectant in situations where it would be indicated, or an insufficient method of rubbing the hands.

With proper training, these sources of error can be identified!



The fluorescent method makes wetting gaps visible

Regular training with the fluorescent method has proven to be effective in raising hygiene awareness among employees and in increasing compliance with regulations, recommendations and codes of conduct.



The surface is consistently light – correct method!

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



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.



Using a combination of the fluorescent schülke optics concentrate and an alcohol-based hand disinfectant (e.g. desmanol® pure), hands are carefully rubbed in based on hand disinfection steps.

Afterwards, a special UV lamp (366 nm) reveals 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 the areas of the skin that received insufficient or no disinfectant.

An illustrative method with great learning success.

Detect
hygiene gaps
with
schülke.

How to start the training

Before starting the training, mix the schülke optics concentrate with an alcohol-based hand disinfectant (e.g. desmanol® pure). This will produce a ready-to-use training solution.

- 1 Pour the contents of the schülke optics 10 ml concentrate bottle into a full 500 ml bottle of schülke hand disinfectant.
- 2 Shake the content briefly.
- 3 Place the schülke optics training sticker on the 500 ml bottle in order to avoid confusion with regular hand disinfection content.



Now start the training with the prepared solution.

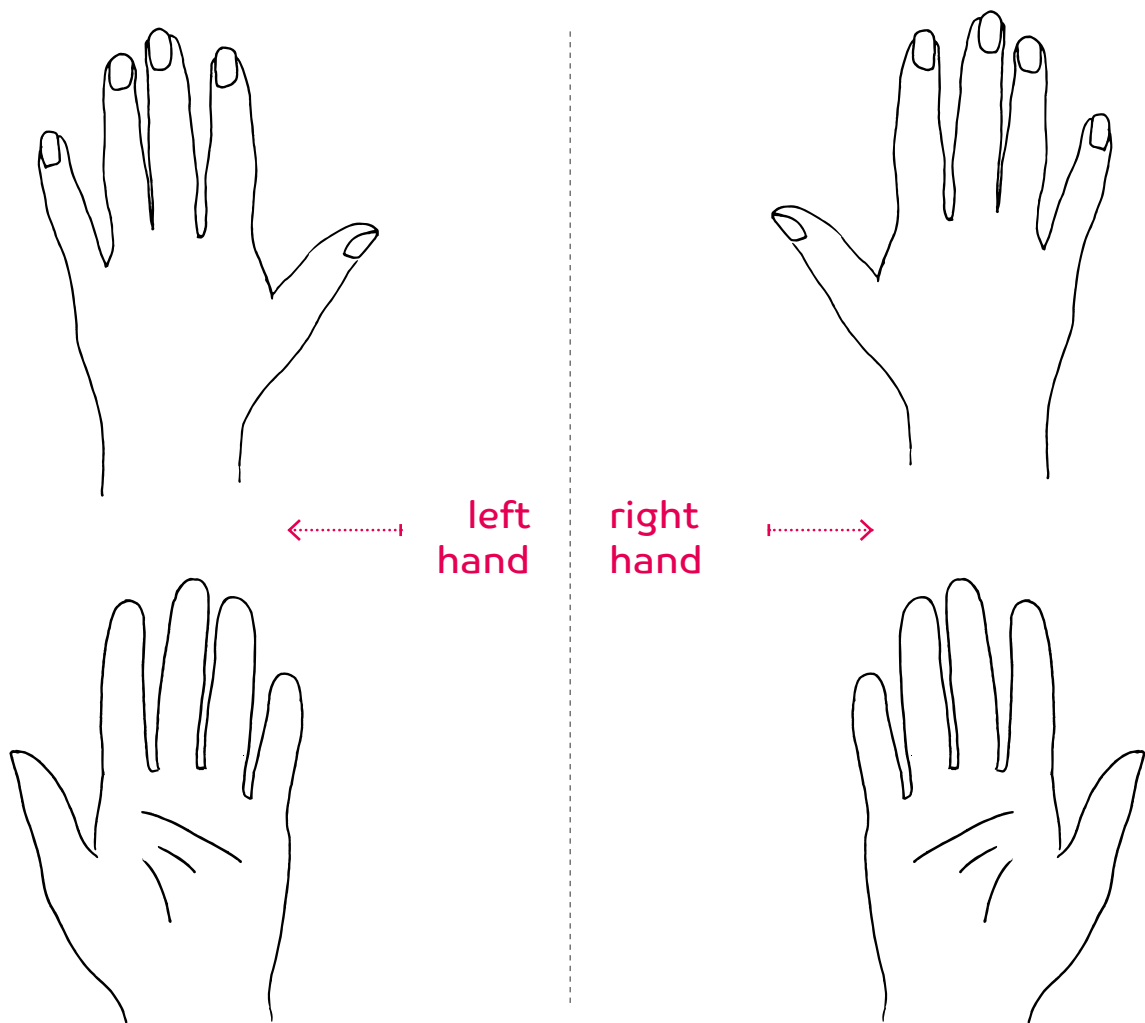
- 1 Remove 3 ml of the solution and rub it into your hands for 30 seconds. Follow the steps for hand disinfection (on page 6).*
- 2 Then hold your hands under the UV lamp. Areas with correct wetting appear glowing white. Areas with insufficient wetting are dark.
- 3 For documentation of the results, mark these areas on the sheet on the next page.
- 4 After the training, wash hands thoroughly.



* Do not use the training solution for hand disinfection.

The result in a matter of seconds

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.



The surface is consistently light = correct method!

Excellent! Both you and your patients are protected.



Few or numerous dark areas = visible wetting gaps.

Try again, paying special attention to the neglected areas.

For your safety and that of your patients.

The 6 steps of hygienic hand disinfection*

The hand disinfection steps are an effective way to achieve the most complete wetting of all parts of your hand surfaces within 30 seconds.

Palm on palm,
in addition to
the wrists.



Right palm on back
of the left hand –
and vice versa.



Outside of
the interlocked
fingers on
the opposite
palms.



Palm on palm
with interlocked,
spread fingers.



Rub the right thumb
in a circle in the
closed left palm –
and vice versa.



Rub closed fingertips
of the right hand
in the left palm –
and vice versa.



Dispense **3 ml** (= one handful) of hand disinfectant into the cupped, dry hand and rub it in for at least **30 seconds**. Pay special attention to **fingertips and thumbs**. The hands must remain moist during the entire application time; if necessary, dispense additional hand disinfectant.

* Exemplary presentation according to EN 1500. Hand disinfection can also be done independently.

Products to combine



schülke optics concentrate

Concentrate for combination with an alcohol-based hand disinfectant for training hand disinfection techniques.

- Fluorescent concentrate for checking hand disinfection and the results of the rub-in techniques
- Visualize wetting-gaps under UV lights
- Individual and group training, teaching sessions in training centers, in clinics and practices, and in testing, sampling, studies, and serial examinations
- Dermatologically tested
- Incl. training labels for the combination products



10 ml-bottle | Item no. 70003662

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



desmanol® pure

Alcohol-based hand rub for hygienic and surgical hand disinfection with panthenol, without colour and perfume.

- All-season product: protects safely against infections all year round!
- Limited spectrum virucidal activity (in accordance with EN 14476)
- Outstanding skin feeling through an innovative skin care formula (ProPanthenol-complex)
- Care effect of the skin care formular clinically confirmed

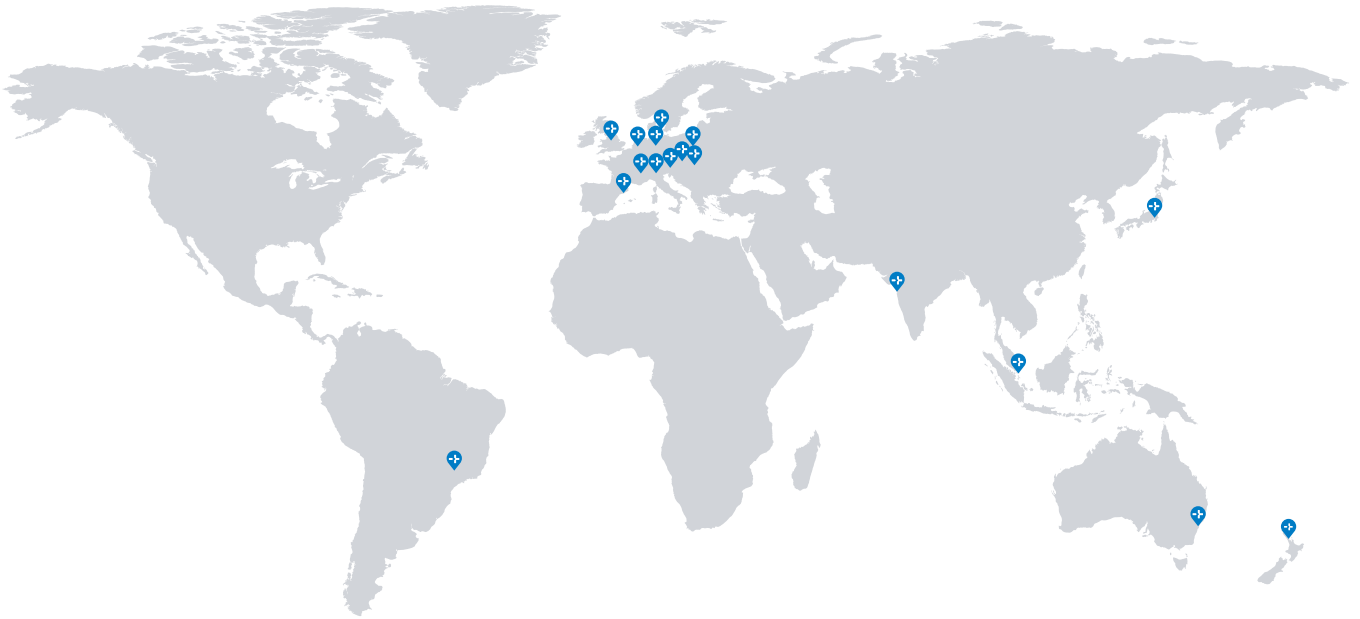
500 ml-bottle | Item no. 125211 | PZN 13354024

Use disinfectants safely.

Always read the label and product information before use.

schülke group

we protect lives worldwide



schülke is present with over 20 subsidiaries and production sites in Germany (schülke), France (Bioxal) and Brazil (Vic Pharma). Companies with specific fields of application and markets such as Prosenio GmbH, Vesimin Health, and Wet Wipe A/S are also part of the schülke group.*

* This information is as of September 2023.

More information at www.schuelke.com

schülke -+

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This product information is not
automatically updated.