



LeverLine Med

Hand disinfectant



DiverseyLever

Description

LeverLine Med is an alcohol rub, developed for hand disinfection. The product is suitable for application in the healthcare and food processing area.

Key properties

LeverLine Med is a skin disinfectant based on a blend of isopropyl alcohol and n-propanol, thickener polymer and humectant. This alcohol blend is a very efficient disinfectant, highly effective against resident and transient skin micro organisms, such as bacteria, fungi and viruses. The product has been formulated with thickener, generating higher viscosity and resulting in longer product-skin contact time and consequently better performance. In addition it contains moisturizer, providing skin care.

LeverLine Med is especially suitable for hygienic and surgical hand disinfection and should be used in conjunction with a mild hand cleanser such as LeverLine Soft. The product is perfume free, thus eliminating risk of tainting food allowing application in the food processing area.

LeverLine Med has been approved by Unilever's Safety and Environmental Assurance Centre (SEAC) as safe for use when handled in accordance with the directions for use.

Benefits

- Contains a blend of isopropyl alcohol and n-propanol, a very effective disinfectant
- Suitable for hygienic and surgical hand disinfection
- Perfume free (suitable for use in food processing area)
- Contains moisturizer; prevents skin irritation and dryness

Use instructions

Thoroughly clean and dry hands with a suitable mild hand cleanser, such as LeverLine Soft, before applying **LeverLine Med**.

a) Hygienic hand disinfection

Apply 3 ml (2 to 3 shots from the dispenser) of **LeverLine Med** to clean dry hands and massage thoroughly into the skin, paying particular attention to fingertips, the nails and webs of the finger. After 30 seconds, **LeverLine Med** alcohol evaporates leaving the skin dry and feeling soft and smooth.

b) Surgical hand disinfection

Apply 5 ml (4 shots from the dispenser) of **LeverLine Med** to clean, dry hands and forearms and massage thoroughly into the skin as above. Once dry, repeat the procedure one more time.

H5



LeverLine Med

Technical data

Appearance:	Clear colourless gel
Relative Density [20 °C]:	0.869
Viscosity [mPa.s; 25 °C]:	850
pH [neat]:	7.0

The above data is typical of normal production and should not be taken as a specification.

Safe handling and storage information

The product should be stored away from extremes of temperature (temperature > - 5 °C and < 30 °C).

Full guidance on the handling and disposal of this product is provided in a separate Material Safety Data Sheet.

Approvals

LeverLine Med has been tested by NATEC Institute (Germany) and has been approved as hygienic and surgical hand disinfection product in accordance with DGHM criteria (ref.: surgical hand disinfection, note dated February 27, 1998; hygienic hand disinfection, note dated March 16, 1998).

In addition **LeverLine Med** has been evaluated by the Institute for Med. Microbiology and Hygiene of Lubeck Medical University Germany.

The product proved to meet the requirements of DGHM on hygienic hand disinfection and met the specifications for efficacy on surgical hand disinfection in accordance with the criteria for EN 12791. (ref.: hygienic hand disinfection, note dated April 21, 1998; surgical hand disinfection, note dated July 27, 1998).

Microbiological data

Bellamy, K., Alcock, R., Babb, J.R., Davies, J.G., and Ayliffe, G.A.J. A test for the assessment of 'hygienic' hand disinfection using rotavirus. Journal of Hospital Infection (1993), 24, 201 – 210. Unilever Research Laboratory, Colworth House, UK and Hospital Infection Research Laboratory, Birmingham, UK.

These authors use a standardized test procedure in which fingertips are inoculated with bovine rotavirus. The level of virus recovered after disinfection of artificially contaminated hands with various disinfectant detergents, alcoholic solutions and alcoholic formulations, including Levermed (similar to **LeverLine Med**), was determined. The most efficient method for removal of virus from fingertips was found to be treatment with alcoholic solutions or products (Levermed). Soap and water and disinfectant detergents were found to be a much less effective method of removing virus from contaminated hands.

In this study Levermed has been shown to be highly active against the rotavirus, providing confidence in the efficacy of this product.

Available pack sizes

Article code	Pack size
7510040	6x0.5L
6960700	6x0.8L