



# PRODUCT – DATA SHEET

## UNEX Hand Disinfectant

### Product Description

UNEX hand disinfectant is a ready-to-use, hygienic hand disinfectant according to the WHO recipe for professional use in gastronomy, industry and trade.

The agent works against bacteria, influenza and corona viruses.

Active ingredient: ethanol. Active substance content: 83.3% vol, 833 mL / 1 liter.

### Properties

UNEX hand disinfectant is an alcohol-based hand disinfectant and is designed to be rubbed into the skin. The product is particularly skin-friendly even with heavy use and contains high-quality lipid-replenishing ingredients that prevent the skin from drying out.

### Application Areas

UNEX hand disinfectant is particularly suitable in catering, industry and for all applications that require a quick and effective killing of bacteria and viruses.

The agent is bactericidal incl. TbB (Mycobacterium tuberculosis), fungicidal and virucidal against influenza and corona viruses.

### Dosis, Kind and Time of the Use

For hygienic hand disinfection, rub approx. 5 ml of undiluted UNEX hand disinfection into dry hands and leave it on for at least 30 seconds.

The hands / forearms must be kept moist by the concentrated preparation during the entire application period.

### Side Effects

Skin irritation (reddening, burning) can occur, especially with frequent use. Contact allergies are also possible. Please report any side effects to the doctor or pharmacist.

### Contraindications

Hypersensitivity to one of the ingredients (e.g. ethanol) is possible.

### Final Products

Formulation
<ul style="list-style-type: none"><li>• Ethanol 83,3%</li><li>• Hydrogen peroxide</li><li>• Glycerol</li><li>• Sterile distilled water</li></ul>

## Warnings and Precautions for Use (General Information)

- For external use only
- Do not use on the mucous membrane or around the eyes. Do not swallow.
- Keep out of the reach of children.
- Use: Apply a palmful of alcohol-based handrub and cover all surfaces of the hands. Rub hands until dry
- Composition: ethanol or isopropanol, glycerol and hydrogen peroxide
- Flammable: keep away from flame and heat
- Symptoms when swallowing large amounts: euphoria, disinhibition, coordination problems, flushed face, typical smell of the air we breathe, in severe cases coma.
- Measures: gastric lavage, artificial respiration if necessary. Otherwise symptomatic.
- Interaction with other medicinal products: None known.

## Precautions for Storage

Contains alcohol, flammable. Do not bring into contact with open flames. Flash point: 23 ° C.

Do not use near ignition sources. Store drug out of reach of children. If the disinfectant is spilled, measures against fire and explosion must be taken immediately. Suitable measures include taking up the spilled liquid and diluting it with water, ventilating the room and eliminating sources of ignition. Only use electrical devices after they have dried out.

Any decanting may only be carried out under aseptic conditions (sterile bench).

Special requirements are applicable for the production and storage of the formulations, as well as the storage of the primary products. The quantity of locally-produced WHO handrub should not exceed 50 litres, or possibly less if regulated by local and/or national guidelines and regulations.

## Safety Standards

With regard to skin reactions, handrubbing with alcohol based solutions is better tolerated than handwashing with soap and water. In a recent study conducted among ICU health-care workers, the short-term skin tolerability and acceptability of WHO-recommended handrub formulations were significantly higher than those of a reference product.

## Flammability – Flash-points:

The flash points of ethanol 80% (v/v) and isopropyl alcohol 75% (v/v) are 17.5°C and 19°C, respectively, and special attention should be given to proper storage in tropical climates. Production and storage facilities should be ideally air-conditioned or cool rooms. Open flames and smoking must be strictly prohibited in production and storage areas. Pharmacies and small-scale production centres supplying WHO-recommended handrub formulations are advised not to manufacture locally batches of more than 50 litres at a time.

## Storage Risks

Risk	Mitigation
Fire – general	<ul style="list-style-type: none"> <li>• Do not produce in quantities exceeding 50 litres locally. If producing in excess of 50 litres, produce only in central pharmacies with specialized air conditioning and ventilation.</li> <li>• Since undiluted ethanol is highly flammable production facilities should directly dilute it to the concentrations outlined in this Guide.</li> <li>• Involve fire officers, fire safety advisers, risk managers, and health and safety and infection control professionals in risk assessments prior to embarking on system change</li> <li>• Risk assessment should take into account: <ul style="list-style-type: none"> <li>– The location of dispensers</li> <li>– The storage of stock</li> <li>– The disposal of used containers/ dispensers and expired stock.</li> </ul> </li> <li>• Store away from high temperatures or flames</li> <li>• Water or aqueous (water) film-forming foam (AFFF) should be used in case of fire; other types of extinguishers may be ineffective and may spread the fire over a larger area rather than put it out.</li> <li>• Health-care workers should be advised to rub hands until dry (once dry – hands are safe).</li> </ul>
Fire – production and storage (central)	<ul style="list-style-type: none"> <li>• Local and central (bulk) storage must comply with fire regulations regarding the type of cabinet and store, respectively.</li> <li>• Production and storage facilities should ideally be air-conditioned or cool rooms.</li> <li>• No naked flames or smoking should be permitted in these areas.</li> <li>• National safety guidelines and local legal requirements must be adhered to for the storage of ingredients and the final product.</li> <li>• Containers/dispensers should be stored in a cool place and care should be taken regarding the securing of tops/lids.</li> <li>• A designated 'highly flammables' store will be required for situations where it is necessary to store more than 50 litres.</li> <li>• Containers and dispenser cartridges containing handrub should be stored in a cool place away from sources of ignition. This applies also to used containers that have not been rinsed with water.</li> </ul>

<b>Risk</b>	<b>Mitigation</b>
Fire – storage (local)	<ul style="list-style-type: none"> <li>The quantity of handrub kept in a ward or department should be as small as is reasonably practicable for day-to-day purposes.</li> </ul>
Fire – disposal	<ul style="list-style-type: none"> <li>Rinse out used containers with copious amounts of cold water to reduce the risk of fire (the containers may then be recycled or disposed of in general waste).</li> </ul>
Fire – location of dispensers	<ul style="list-style-type: none"> <li>Handrub dispensers should not be placed above or close to potential sources of ignition, such as light switches and electrical outlets, or next to oxygen or other medical gas outlets (because of the increased risk of vapours igniting).</li> </ul>
Fire – spillage	<ul style="list-style-type: none"> <li>Significant spillages should be dealt with immediately by removing all sources of ignition, ventilating the area, and diluting the spillage with water (to at least 10-times the volume).</li> <li>The fluid should then be absorbed by an inert material such as dry sand (not a combustible material such as sawdust), which should be disposed of in a chemical waste container.</li> <li>Vapours should be dispersed by ventilating the room (or vehicle), and the contaminated item should be put in a plastic bag until it can be washed and/or dried safely.</li> </ul>
Ingestion	<ul style="list-style-type: none"> <li>In areas where there is thought to be a high risk of ingestion, a staff-carried product is advised.</li> <li>If a wall-mounted product is used, consideration should be given to small bottles.</li> <li>If bottles with a greater capacity than 500 ml are used, consideration should be given to providing them in secured containers.</li> <li>Product containers may be labelled simply as "antimicrobial handrubs" with a warning of dangers associated with ingestion.</li> <li>National and local toxicology specialists should be involved in developing and issuing national/local guidance on how to deal with ingestion (based on products available within a country).</li> </ul>
Other	<ul style="list-style-type: none"> <li>Consideration should be given to the risks associated with spillage onto floor coverings, including the risk of pedestrian slips – it is important to deal with spillages immediately.</li> <li>The siting of handrub dispensers above carpets is not recommended, because of the risk of damage and lifting/warping of carpets.</li> </ul>

## **Product Status**

**Admission Number: BMK-V/5-2020-0.188.582**

The content of the product data sheet corresponds to our latest level of knowledge. Subject to changes.

## **Product Labeling**

**Attention**





## Pictures

500 ml Bottle



1 Liter Bottle



5 & 10 Liter Drum

