

# STOKO® GEL

**Ethanol based gel that sanitizes hands without water. Kills 99.9% of common germs that can cause illness.**

### Description

STOKO® GEL Instant Hand Sanitizer is an alcohol-based sanitizer for rapid germ killing activity when hand-washing facilities are not readily available and hands are free of dirt or soil. Demonstrates a greater than 99% kill in 15 seconds or less against antibiotic-resistant bacteria including MRSA and VRE. Kills 99.99% of common germs that can cause disease. According to the Centers for Disease Control and Prevention (CDC), proper hand cleaning is the most effective way to prevent the onset of illness.

Contains a humectant which leaves the skin feeling soft and smooth after the product dries, does not leave a tacky after-feel like emollient-containing formulations often do. Demonstrated in the 21-Day Cumulative Irritation Test to be mild to the skin and showed no sign of skin sensitization.

### Physical Properties

Clear alcohol gel; viscosity 16,000-24,000, alcohol volume 62%, pH 6.8-7.9. Active ingredient: Ethanol.

### Use

- Apply STOKO® GEL to hands and rub thoroughly, making sure to get between fingers and under fingernails, until hands are dry.
- Do not rinse or wipe off gel.

### 15 Second Time Kill Results - STOKO® GEL

	15 seconds
<b>Bacterial Strains</b>	
Acinetobacter baumannii	>99.9
Clostridium difficile (vegetative)	99.74
Enterobacter aerogenes	>99.8
Pseudomonas Aeruginosa	>99.9
Escherichia Coli	>99.9
Staphylococcus Aureus	>99.9
Staphylococcus epidermis	99.8
Streptococcus Faecalis	99.9
Aspergillus Niger	97.63
Enterococcus faecalis	99.6
Kiebsiella pneumoniae	>99.9
Proteus mirabilis	99.9
<b>Yeast Strains</b>	
Candida Albicans	99.4
Candida tropicalis	96.1
<b>Antibiotic Resistant Bacterial Strains</b>	
Staphylococcus aureus MRSA	>99.9
Streptococcus pneumoniae	>99.9
Haemophilus influenzae	99.0
Serratia marcescens	99.2
Enterococcus faecium VRE	99.9

### Feature

Ethanol-based gel that sanitizes hands without water

Kills 99.9% of common germs that can cause disease

Contains a conditioner to help prevent skin from drying out

### Benefit

Ideal for killing germs when water is not available and hands are not visibly soiled.

Proper sanitizing can help to prevent colds and flu and the spread of germs to others.

Alcohol can be drying to the skin, conditioner helps to keep skin smooth and healthy.

...keeping working skin healthy



## Ingredients

Active Ingredient: Ethanol (62%)  
Deionized Water  
Isopropanol  
Hydrogenated Starch  
THP Ethylenediamine  
Carbomer  
Fragrance

## Sizes

4 ounce flip-top bottle - Stock # 1 00890 24  
8 ounce hand pump bottle - Stock # 1 00889 12  
2000ml SOFTBOTTLE - Stock # 1 00888 06\*  
\*To be used with STOKO VARIO ULTRA® and STOKO VARIO®  
SVP Dispensers

## Flammable

Keep away from fire and flame. For external use only.

## Skin Compatibility Tests

All ingredients of STOKO® GEL are tested to assure user comfort and effective skin protection. The product demonstrated a good skin compatibility in thorough clinical testing.

**TABLE:** Skin compatibility of STOKO® GEL in the modified Duhring Chamber Test<sup>1)</sup>

Product	Irritation <sup>2)</sup> $\bar{X}$	Application Time <sup>3)</sup> h (hours)	Relative skin compatibility <sup>4)</sup> A
STOKO® GEL	2.4	20.2	13.0

<sup>1)</sup> n=23

Test period: March, 1998  
Test concentration: undiluted

$$A = \frac{\bar{h}}{\sqrt{\bar{X}}}$$

<sup>2)</sup> Accumulated irritation mean average value for reddening, scaling and chapped skin, each visually calculated according to a value scale from 0 (no symptoms) to 4 (strongest symptoms).  
Maximum value  $\bar{X}$  = 12 (strongest symptoms).

<sup>3)</sup> Maximum application time:  $\bar{h}$  = 72 hours (24 hr/day on 3 consecutive days).

<sup>4)</sup> Expression of a non-linear ratio between the skin irritation found and the application time of the product.

**Source:** Certificate from the Dermatological Clinic of the Municipal Hospital, Krefeld, May, 1998.

## First Aid

For external use only. If STOKO® GEL accidentally enters the eyes, flush immediately with lukewarm water and contact a physician. Discontinue use if irritation or redness develops. If condition persists for more than 72 hours, consult a physician. Keep out of reach of children. If swallowed, call your physician.

## Storage Information

STOKO® GEL can be stored in a closed container for at least 24 months at room temperature.

All STOKO® Skin Care products are tested for stability at temperatures between 23°F and 104°F. When tested at temperatures below 41°F and above 86°F, the products begin to fluctuate in viscosity.

## Additional Information

Occupational skin irritation, frequent washing or sanitizing and harsh climates can lead to dry, rough and chapped skin. To replace lost moisture and oils and help keep skin healthy, skin should also be regularly treated after work with an appropriate conditioning product, such as STOKOLAN®, STOKO® LOTION or STOKO® VITAN. Contact STOKO® Skin Care or its appointed distributors for advice on selecting the appropriate products.

*Note: STOKO® GEL may cause irritation when used in association with drugs used in alcohol detoxification programs.*

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