

# SOLOPOL®

**Solopol® is a solvent-free hand cleaner for medium to heavy-duty dirt and soils. Contains a biodegradable all-natural scrubber.**

## Description

SOLOPOL® is a completely solvent-free hand cleaner which contains a non-aggressive natural scrubber. It has a very good skin compatibility and excellent cleaning power in cases of common industrial dirt (e.g. grease, oil, mineral oil, lubricating oil, graphite and metal dust) that often cannot be removed at all by products containing no scrubbers.

SOLOPOL® cleans deeply without damaging the skin. Its very good skin compatibility is achieved by the use of skin compatible surfactants. SOLOPOL® also contains the patented skin agent EUCORNOL® which, according to the results of dermatological tests, helps to prevent the occurrence of skin irritation.

The natural scrubber is made from walnut shell powder which is a renewable natural resource. As such, it does not strain the environment by depleting timber supplies (as in the case of wood flour) or oil resources (as in the case of plastic scrubber.) Additionally, it is completely biodegradable. SOLOPOL® does not clog drains or pipes. It is easily rinsed away and is not prone to swelling.

In cases where SOLOPOL® is not effective against soils in your workplace, KRESTO®, which is more concentrated and contains some solvent, is available.

## Use

- Rub small amount of SOLOPOL® thoroughly onto dry hands.
- Add a little water and continue washing.
- Rinse with plenty of water and dry thoroughly.

## Product Description

Light beige paste containing a natural scrubber; density (at 68°F): approx. 1.07; pH-value: 4.9 - 5.3.

## First Aid

If SOLOPOL® accidentally enter the eyes, flush thoroughly with lukewarm water. Contact a physician if burning sensation persists.

PRODUCT-INFO

Features	Benefits
100% Solvent-free	Gentle to the skin, even with every day use. Exhibits very good skin compatibility.
Contains all natural, biodegradable walnut shell scrubbers.	For medium to heavy-duty cleaning of oil, ink, metal dust and graphite. Does not strain the environment by depleting timber supplies.
Contains the skin strengthening agent EUCORNOL®.	Helps to prevent skin irritation according to the results of dermatological tests.
Easily rinsed away and is not prone to swelling, has been tested and proven not to clog drains or pipes.	No costly plumbing repairs due to scrubber in product.

...keeping working skin healthy

## Qualitative Composition

Water  
Walnut Shell Powder  
Sodium Laureth Sulfate  
Sulfated Castor Oil  
Cocamidopropyl Betaine  
Sodium Chloride  
Oleic Acid  
Citric Acid  
Titanium Dioxide  
Cellulose Gum  
Xanthan Gum  
Fragrance  
Citric Acid  
Potassium Sorbate  
2-Bromo-2-Nitropropane-1,3-Diol

## Skin Compatibility Tests

SOLOPOL® demonstrated very good skin compatibility in thorough clinical testing. Established dermatological test methods such as the Forearm Washing Test [2] and the Duhring Chamber Test [1], were used to measure the skin compatibility of the product.

In a modified Duhring Chamber Test [1,3], SOLOPOL® demonstrated very good skin compatibility when compared with Sodium Lauryl Sulfate, a surfactant commonly found in commercial cleansers. (see table).

**TABLE:** Skin compatibility of SOLOPOL® in the modified Duhring Chamber Test [1]

Product	Irritation <sup>2)</sup> X	Application Time <sup>3)</sup> h (hours)
SOLOPOL®	1.0	22.8
Sodium Lauryl Sulfate 0.5%	2.6	10.4

<sup>1</sup> n=25  
Test period: April, 2002  
Test concentration: undiluted

<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:  $\bar{h}$  = 24 hours  
(6 hrs on days 1 - 4).

**Source:** Certificate from the Dermatological Clinic of the Municipal Hospital, Krefeld, April, 2002.

## Additional Information

Frequent skin contact with hazardous substances requires the use of a high quality skin cleanser like SOLOPOL® and the use of Before Work and Conditioning products.

Occupational skin irritation, frequent washing 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. People who already have extremely rough or very dry skin are advised to use a before work cream with a high oil content, such as STOKO DURAPRO®.

Contact STOKO® Skin Care or its appointed distributors for advice on selecting the appropriate products.

## Sizes

250 ml tube - 8 10002 24  
2000 ml SoftBottle (for SVP or SVP Ultra Dispenser) - 9 83187 06  
2000 ml ONE-PUMP® (for ONE PUMP® Dispenser) - 8 83134 06  
4.0L Bottle (for 4.0L Dispenser) - 32140  
1/2 Gallon Pump Top Bottle - 30384  
2000 ml Bottle (for STOKO® MAT 2000 Dispenser) - 9 83133 06

## Storage Information

SOLOPOL® can be stored in a closed container at room temperature for up to 30 months.

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. Hand cleaners may become cloudy or freeze partially at temperatures of 32°F or below, however, they are usable after thawing.

**For MSDS, visit [www.stokoskincare.com](http://www.stokoskincare.com).**

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