

# CUPRAN<sup>®</sup> SPECIAL

**Specialty hand cleaner for removing extremely stubborn soils caused by oil, paints, lacquers, resins, adhesives, etc.**

## Description

CUPRAN<sup>®</sup> SPECIAL is a slightly acidic hand cleaner which has very strong cleaning power for removing some of the toughest soils. Given the type of contaminants CUPRAN<sup>®</sup> SPECIAL is designed to remove, its skin compatibility is quite remarkable.

## Areas of Application

Cupran<sup>®</sup> Special is ideal for use in industries such as automotive paint and body work and certain types of heavy assembly, metal working and silk screen printing. Product cleans substances including, oil-based paints, lacquers, enamels, adhesives, sealers, primers, coatings, glues and resins from the skin.

## Product Description

White paste containing a non-aggressive scrubber and a mixture of esters. Density (at 68°F); approx. 1.00 g/cm<sup>3</sup>; pH-value: approx. 6.5.

## Instructions for Use

- Rub small amount of CUPRAN<sup>®</sup> SPECIAL thoroughly onto dry hands.
- Add a small amount of water and continue washing.
- Rinse with plenty of water and dry thoroughly.

## Packaging Sizes

250ml Tube

2000ml SOFTBOTTLE<sup>®</sup>

(to be used with the STOKO VARIO ULTRA<sup>®</sup> or STOKO VARIO<sup>®</sup> SVP dispensers)

2000ml bottle

(to be used with the STOKO<sup>®</sup> MAT 2000 dispenser)

## First Aid

If CUPRAN<sup>®</sup> SPECIAL accidentally enters the eyes, flush thoroughly with lukewarm water. Contact a physician if burning sensation persists.

If ingested, call a doctor.

Features	Benefits
Product does not contain water	Enables effective cleaning with only small amounts of product
Product is free of soap and preservatives and contains a non-aggressive scrubber	Product has good skin compatibility making it a much safer and effective alternative to the practice of using paint thinner, lacquer or other solvents to remove paints and adhesives from the skin
Walnut shell scrubber in product has low specific gravity	Scrubber is easily washed away so it will not clog drains or pipes

## Qualitative Composition

### INCI Declaration\*

Dimethyl Glutarate  
Laureth-5  
Walnut Shell Powder  
Dimethyl Adipate  
Octyl Stearate  
Cellulose Acetate Butyrate  
Quaternium 18/Benzalkonium Bentonite  
Stearalkonium Bentonite  
Titanium Dioxide  
Propylene Carbonate  
Fragrance  
Silica

\*The ingredient declarations used are in conjunction with the International Nomenclature for Cosmetic Ingredients (INCI).

### Shelf Life

CUPRAN® SPECIAL 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.

### Material Safety Data Sheets

MSDS is available at [www.stokoskincare.com](http://www.stokoskincare.com) or through Customer Service.

### Additional Information

Frequent skin contact with hazardous substances requires the use of a high quality skin cleanser like CUPRAN® SPECIAL.

Occupational skin irritation, frequent washing or harsh climates can lead to dry, rough and chapped skin. This condition can result in irritation/rupture of the outer layer of the skin which impairs its natural protective function. As a prophylactic measure against such damage or to regenerate damaged tissue after work, the skin should be regularly treated with a conditioning product such as STOKOLAN®, STOKO® LOTION or STOKO VITAN®

Additional Information (cont.)

STOKO® Skin Care  
Stockhausen, Inc.  
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for very dry, sensitive skin. In doing so, the skin is replenished with moisture, lipids and hydrophilic nutrients. People who already have extremely rough or very dry skin are advised to use a Before Work product with a high oil content, such as STOKO® DURAPRO. Contact STOKO® Skin Care or its appointed distributors for advice on selecting the right products.

### Skin Compatibility Tests

CUPRAN® SPECIAL demonstrated a good skin compatibility in thorough clinical testing. Established dermatological test methods, such as the Forearm Washing Test and the Duhring Chamber Test were used to measure the skin compatibility of the product.

In a modified Duhring Chamber Test, CUPRAN® SPECIAL demonstrated a good skin compatibility when compared with Sodium Lauryl Sulfate, a surfactant commonly found in commercial cleaners. (see table)

Table: Skin compatibility of CUPRAN® SPECIAL in the modified Duhring Chamber Test

Product	Irritation <sup>2</sup> $\bar{x}$	Application Time <sup>3</sup> $\bar{h}$ (hours)	Relative skin compatibility <sup>4</sup>
CUPRAN® SPECIAL	2.3	25.1	16.55
Sodium Lauryl Sulfate	4.0	10.6	5.3

1) n=26

Test period: October 1987 and 1988

Test concentration: undiluted

2) 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  $x = 12$  (strongest symptoms)

3) Maximum application time:  $h=30$  hours (6 hrs each day on 5 consecutive days).

4) Expression of a non-linear ratio between the skin irritation found and the application time of the product:

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

Source: Certificate from the Dermatological Clinic of the Municipal Hospital, Krefeld, Germany, November 1988.

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