



# TM DESANA MAX<sup>d</sup>

PERSULPHATE TECHNOLOGIES



## FEATURES

- ✓ alkaline cleaning-, disinfection- and verification agent in powder form
- ✓ notified, biocidal active substance (CAS 2893-78-9), disinfection with Active Chlorine
- ✓ to eliminate extreme contamination or for base-cleaning of old dispensing systems
- ✓ meets the requirements of DIN 6650, HACCP-compliant
- ✓ intelligent cleaning: Hygiene levels are indicated by colour change (VIOLET-GREEN-YELLOW)
- ✓ powder dissolves quickly and completely, also in cold water
- ✓ fast-acting removal of soiling
- ✓ lower ground transportation fees, easy to store and handle
- ✓ proven superior cleaning power via independent studies and approved by leading international brewers and beverage manufacturers

## YOUR BENEFITS

- + perfect cleaning of old or heavily soiled dispensing systems in a simple way
- + particularly effective with deposits of hop resins and tannins (polyphenols)
- + portion pack guarantees clean handling, rapid solubility of the powder
- + microbiologically pure beverage pipes - check by the colour change from purple to green
- + the COLOUR INDICATOR provides the same safety as a laboratory test

## IT'S THAT EASY



### 1. DISSOLVE POWDER

Always rinse the cleaning container! Dissolve the contents of a TM DESANA MAX<sup>d</sup> sachet in luke warm water (up to 35° C) and fill the container with water.



### 2. SHAKE: SOLUTION IS PURPLE

Close container and shake 3 times! Pull a sample of the original solution. Freshly prepared solution is PURPLE.



### 3. CONNECT CLEANING CONTAINER

Connect the tap head of the beverage container under CO<sub>2</sub> pressure to the cleaning container.



### 4. FILL THE CIRCUIT

Open the taps until the cleaning solution flows out of the tap.



### 5. LET IT SOAK FOR 10-20 MINUTES, SOLUTION TURNS GREEN

Close the tap. Let the TM DESANA MAX<sup>d</sup> cleaning solution soak in the lines during other maintenance work (for about 10-20 minutes). During this time, TM DESANA MAX<sup>d</sup> dissolves hard to remove soiling in the lines and turns GREEN.



### REPEAT PROCEDURE

Repeat steps 4 and 5 - for 3 minutes of exposure time - until the cleaning solution no longer turns GREEN.



### PURPLE MEANS CLEAN!

If the solution from the lines shows the same colour as the original (colour comparison with sample of the original solution) after 3 minutes, the lines are in perfect hygienic condition. Done!



### 6. RINSE WITH DRINKING WATER

Rinse with pure drinking water: 200-1000ml water per meter for 7mm pipes (see study by the University of Vienna, 05-02-2003). Check the rinsing by means of pH test strips: The pH value of the rinsing water must correspond to the pH value of the fresh water.

<b>DELIVERY</b>	box of 300 or 30 sachets of 35g, or box of 170 sachets of 70g
<b>DOSAGE</b>	35g sachet for 4.5 liters, 70g sachet for 9 liters
<b>ORDER</b>	contact your authorized retailer at <a href="http://www.thonhauser.net">www.thonhauser.net</a>
<b>ATTENTION</b>	prepare solution for every sanitation freshly! Wear protective clothing (gloves, goggles). Avoid inhalation of powder during opening!
<b>DISPOSAL</b>	The mixed / used TM DESANA MAX <sup>d</sup> solution is drained together with the flushing water into the sewer. The pH value drops to 8 to 9.5 by the usual dilution.
<b>LABELLING</b>	see Material Safety Data Sheet

Use biocides safely. Always read labelling and product information before use!

**POISON CONTROL CENTRE: +43-1-406 43 43**

[www.thonhauser.net](http://www.thonhauser.net) | [www.desana.info](http://www.desana.info)

Headquarters Austria Thonhauser GmbH | Perlhofgasse 2/1, A - 2372 Gießhübl/Vienna | Tel + 43 (0) 2236 / 320 272 | [cleaning@thonhauser.net](mailto:cleaning@thonhauser.net)  
Distribution partner Germany Franz Mathes GmbH | Bergstrasse 2 1/2, D-85077 Manching | Tel +49 (0) 8459/30525 [info@mathes-hygiene.de](mailto:info@mathes-hygiene.de)