



# Magnetic Particle Testing

**Product information**  
**MR® 603 System cleaner**

**MR**<sup>®</sup>  
CHEMIE  
NDT-materials

## PRODUCT DESCRIPTION

- Synergistic biocide for the wet-state protection of water based systems
- Colour: transparent (clear liquid)
- Corresponds to TRGS 611
- Broad spectrum of activity against: bacteria, fungi and yeasts
- High temperature stability up to 100°C
- Low foam formation
- Free from organically bonded chlorine

## USAGE

- Metal working industry: 2 %
- Extreme impurities : 3 %

## APPLICATION

Mixing ratio:	1:40 to 1:50 / water
Exposure time:	8 h (depends on contamination level)
After treatment:	After application rinse with water

Prior to the last shift 2-3 % MR® 603 is added to the metal working fluid to be drained and allowed to react during the working process, but for at least 8 h. Reacting time can be extended from 24-48 h

## ADDITIONAL APPLICATION INFO

Surfaces and equipment that are not in direct contact with the circulation fluid must be cleaned and disinfected with MR® 603 solution. When the emulsion has been drained (cleaning solution) flush with fresh water. Fill the system with preserved and biostable machining fluid. Longer reacting times and higher concentrations increase the cleaning and disinfecting effect.

## MINIMUM SHELF LIFE

1 year, stored at room temperature

## TEMPERATURES

- Storage: +5 - +45°C
- Usage: +10 - +50°C

## DELIVERY FORM



## FURTHER INFORMATION

- Process description according to EN ISO 9934-1 available on request or on [www.mr-chemie.de](http://www.mr-chemie.de).
- Shake test media well before use.