

# Mabanol Clean 70 Neutral

Water-miscible, neutral industrial cleaner

## Application

Mabanol Clean 70 Neutral is a salt-free, high-pressure sprayable industrial cleaner primarily used for intermediate and final cleaning of components. The product is recommended for workpieces made of steel, cast iron, non-ferrous metals, and many aluminum alloys.

## Properties

Mabanol Clean 70 Neutral offers excellent cleaning performance across a wide temperature range and removes, among other things, machining and hardening oils, coolant emulsions, chips, and fine abrasion from workpiece surfaces.

This clear, yellow industrial cleaner guarantees excellent foaming properties across a wide temperature range and good corrosion protection. Furthermore, Mabanol Clean 70 Neutral is free of formaldehyde, phosphates, silicates, and borates.

## Ingredients according to Detergents Regulation 648/2004/EC

- < 0.1% Phosphonates
- < 0.1% Non-ionic surfactants

## Remarks

For cleaning material surfaces using spray, immersion, and ultrasonic processes, as well as in steam jet and high-pressure cleaning equipment. Due to its excellent pressure stability up to 500 bar, the product can also be used for high-pressure deburring. The recommended concentration depends on the type of cleaning process and the degree of contamination on the

Concentration in use: 0,5 – 5%

Temperature in use: 20°C – 80°C

The concentration of the in-use solution can be checked by using a refractometer. The refractometer reading must be multiplied by the refractometer factor to reach the desired concentration. The concentration can also be determined by titration.

For safety, the tendency of non-ferrous metals and alloys to stain should be checked before using the product.

Due to the selected raw materials, slight variations in color, odor, and appearance are possible. The product's odor may change during storage. However, this does not affect the product's functionality.

## Data

|                      | Unit              | Value |
|----------------------|-------------------|-------|
| Density at 15°C      | kg/m <sup>3</sup> | 1.084 |
| pH at 3%             |                   | 9,6   |
| Refractometer factor | %/°Brix           | 1,7   |
| Titration factor     | Vol%/ml           | 0,3   |

## Shelf life / storage conditions

Stable for 12 months when stored at a temperature of 5 °C to 40 °C in unopened containers

The above values may vary within the commercial limits.  
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