



Eni metalClean NR

Eni metalClean NR is a water-miscible, phosphate-free, so-called neutral cleaner that is mainly used for intermediate and final cleaning of workpieces. The cleaner is ideal for components made of alloyed and unalloyed steels, cast iron, aluminum and non-ferrous metals.

Due to the balanced additives, **Eni metalClean NR** combines excellent cleaning properties with outstanding metal compatibility.

Features / Benefits:

- Excellent cleaning properties in a wide temperature range
- Suitable for spray, dip and ultrasonic processes
- Removes cutting oils, quenching oils and emulsions as well as chips and fine contamination from workpiece surfaces.
- Very good foam behavior at the recommended application temperatures, even in soft water
- Good anti-corrosion properties
- Free from formaldehyde, phosphates, silicates and borates

Technical Data:

Apperance concentrate	Density 15°C [kg/m ³]	pH-value 3%ig	Refractometer factor [%/°Brix]
Yellow, clear	1056	9,3	2,5

Recommendation for cleaning the following materials	Alloyed steels	Unalloyed steels	Cast iron	Aluminm	Non-ferrous metal	others
	+	+	+	+	+	

Application:

Cleaning of material surfaces using spray, immersion and ultrasonic methods.

Details:

The recommended use concentration depends on the type of cleaning process and the contamination of the workpiece.

Concentration of use: 2 - 10 %
 Operating temperature: 40°C – 70°C

The concentration can be determined using a hand-held refractometer. To do this, the value read is multiplied by the refractometer factor.

The concentration can also be determined using titration.

The initial filling can be carried out with tap water. For the further process, we recommend using deionized water to avoid the appearance of limescale stains on the parts.

Recommended storage temperature:

5°C to 40°C in closed containers. Please refer to the safety data sheet for further information.