



Eni metalClean AKR

Eni metalClean AKR is a salt-free, high-pressure sprayable neutral cleaner that is ideal for cleaning steel and cast iron, but also non-ferrous metals and many aluminum alloys.

Eni metalClean AKR has excellent demulsifying properties, very good corrosion protection and due to its optimal foaming behavior, can be used both cold and in the temperature range up to 80°C.

Features / Benefits:

- Free of phosphates, silicates, boron compounds and formaldehyde deposits
- Optimal demulsifying ability
- Excellent amine-based corrosion protection, also extremely effective in the vapor phase
- Very good foam behavior over a wide temperature range

Technical data:

Apperance concentrate	Density 15°C [kg/m ³]	pH-value 1%ig	Refractometer factor [%/°Brix]
Yellow, clear	1084	9,6	1,7

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

Application:

Eni metalClean AKR can be used in the recommended concentration range as a cleaner in spray, immersion and ultrasonic processes as well as in steam jet and high-pressure devices. Due to the very good pressure stability, the product can also be used for high pressure deburring.

Details:

The recommended operating conditions depend on the type and severity of the contamination.

Concentration: 0,5 Vol% - 5 Vol%

Temperature: 20°C – 80°C

Deionized water should be used as preparation water to avoid limescale deposits.

The concentration of the operating solution can be determined using a hand-held refractometer. To do this, the value read is multiplied by the refractometer factor. The concentration determination can also be carried out using titration.

We recommend checking the compatibility of aluminum alloys and non-ferrous metals before use.

Recommended storage temperature:

12 months at a temperature of 5°C to 40°C in a closed container

Please refer to the safety data sheet for instructions on safe handling.