

# KROMAŞ METAL VE MAKİNE SANAYİ LİMİTED ŞİRKETİ

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## KC 472

### alkaline liquid Compound for all non-ferrous metals

#### Application:

Properties		Tasks		Material		Recycling
Rust inhibition:	o	grinding/deburring:	+	Iron/Steel:	o	-
Cleaning:	++	degreasing/de-Oiling:	+	Stainless Steel:	+	
Degreasing:	+	smoothing/polishing:	++	Copper/Brass:	+	
Brightening:	++	pickling:	-	Aluminium:	++	
Foam:	++			Zinc:	++	
				Magnesium:	++	
				Gold/ Silber:	-	
				Stone:	-	

++ = excellent/ high

+ = well suited/ moderate

o = limited suitability/ little

- = not suitable/not specified

**Dosing:** 5 - 40 ml/L water

**Ingredients:** biodegradable surfactants  
corrosion inhibitors  
solubilizer

#### Technical Specification:

Appearance: liquid

Colour: green

Discoloration does not impair the functionality of the product.

Parameter	Unit	lower limit	upper limit
pH:		8,8	9,5
pH (0,5%):		8,7	9,3
Surface Tension (0,5%):	mN/m	28,6	38,6
Viscosity:	mPa.s	120	146
Density:	g/cm <sup>3</sup>	1	1,02
Bulk Density:	g/dm <sup>3</sup>		
COD (0,5%):	mg/L		1735

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### Maintenance and Analysis:

Please regulary analyse and adjust the concentration of KC 472

#### 1. Refractometric determination

Refractive index [Brix %] x = % KC 472

#### 2. Volumetric determination

- 1.Take a sample at a well mixed position. Let suspended sediments settle or decant or filter.  
Contaminations, especially oil or preservative agents can influence the accuracy of the measurement
- 2.Put sample (100 mL) into the beaker and titrate with solvent to pI4,5 (+/- 0.1) while stirring.
- 3.Multiply consumption of solvent with below-mentioned factor

### Safety:

When handling this product, please comply with the advice and information given in the Safety Data Sheet and observe protective and workplace hygiene measures adequate for handling chemicals.

This information is based on our present knowledge and experience with the intention to describe our product concerning safety at delivery. It is not an assurance of quality.

Please contact us and/ or our local representative for further information.

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