

# Technical Data Sheet

## Multidraw CU AS

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### Product description

- fully synthetic water-miscible cooling lubricant
- on the basis of anionic and non-ionic lubrication components
- effects excellent wetting ability
- provides outstanding corrosion protection for copper and non-ferrous heavy metals even at lower preparation concentrations

### Characteristics

Colour / DIN ISO 2049:	lighter 0.5
Density/15°C / DIN EN ISO 12185:	1050 kg/m <sup>3</sup>
pH-value (3 % in H <sub>2</sub> O) / DIN 51 369:	8.5
Conductance (3 % distilled water):	2100 µS/cm

### Application

**Multidraw CU AS** is a special water-miscible admixture for continuous annealing for blank or tin-plated copper wires of all diameters. Tarnishing of wires is effectively avoided even at lower dosage.

### Working concentration

0.5 - 1.5 %

### Preparation of the emulsion

The special admixture dissolves to a stable emulsion by continuously pouring in water (at a temperature range of approx. +10 °C to approx. +35 °C) and by stirring and circulating respectively.

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### Determination of the concentration

By using a refractometer: factor 2.0

### Storage

**Multidraw CU AS** remains stable at temperatures of +10 °C to +35 °C. The concentrate becomes viscous or even solid below +10 °C. However, after a longer period of storage at room temperature it regains its original consistency and can then be used as before.

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