

PRODUCT DATA



www.RichardsApex.com

Phone: 215-487-1100

QA-4 COMPOUND

RichardsApex QA-4 CPD is a soluble oil recommended for use as a quench additive in the continuous annealing of non-ferrous wires. The product contains a unique blend of corrosion inhibitors, wetting agents and lubricity additives that is tolerant of hard water conditions and affords the user long tank life with low foam.

BENEFITS:

- High active lubricant content equates to economical use
 - Stable and low foaming while offering long tank life
 - Prevents water spotting and copper surface corrosion
 - Easily mixed in room temperature water
 - Tolerant of hard water or water of less than ideal quality
 - Assists in preventing pressure welding of spooled wire
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RECOMMENDED USES:

For use in copper wiredrawing machines with continuous annealing equipment, **QA-4** is recommended between 0.8 - 1.2 % by volume.

For use in continuous annealing equipment processing aluminum wire, **QA-4** should be used between 2.0 - 5.0% by volume. Higher concentrations may be desirable if an oily residual is required to provide lubrication for stranding.

For use in the water seals of batch annealing equipment for spooled copper wire. Can be added continuously to the water seals at a concentration of approximately 0.5%.

TYPICAL SPECIFICATIONS:

Specific Gravity - 0.92 kg/l (7.71 lbs/gal)

Active Lubricant Content - 100%

pH of a 3% solution - 8.3