

PRODUCT DATA



www.RichardsApex.com

Phone: 215-487-1100

HRM-32 COMPOUND

RichardsApex HRM-32 CPD is an alcohol-free, amine free, non-corrosive clear liquid formulated as a one-step brightener and cleaner to produce clean, bright, oxide-free continuous copper rod. The unique blend of metal brighteners and cleaners allows **HRM-32** to be used in the bar-prep, mill emulsion and quench pipe in conjunction with or to completely replace IPA.

BENEFITS:

- **Amine-free and compatible with alcohol**
 - **Dramatically reduced alcohol costs**
 - **Improved brightening ability due to low evaporation rate**
 - **Lower consumption and greater value per liter**
 - **Reduced tank side additions**
 - **One-step process for brightening and cleaning**
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RECOMMENDED USES:

For removing copper oxides from copper rod:

Maintain concentration in the bar prep area 1 – 3% by volume of **HRM-32**.

Maintain concentration in the mill emulsion 0.5 – 2% by volume of **HRM-32**.

Maintain concentration in quench pipe 1 – 4% by volume of **HRM-32**.

Used as an "in-line" quench media for pierced copper shells to prevent oxide formation and eliminate the need for acid pickling.

Used as a quench media for tubes after hot extrusion.

TYPICAL SPECIFICATIONS:

Specific Gravity - 0.99 kg/l (8.3 lbs/gal)

Active Content - 60%

pH of a 5% solution - 10.4