



HRMW COMPOUND

HRMW is a low-viscosity, alkaline liquid. HRMW is specially formulated to be used in conjunction with all RichardsApex Hot Rolling Compounds to produce clean, oxide-free copper.

Additions of HRMW maintain the correct concentration of metal brighteners for consistently producing oxide-free, bright copper. The amount of HRMW required is dependent on the amount of metal produced per hour and will vary from 1 gallon per hour to approximately 6 gallons per hour adding to the system with a chemical feeding pump.

HRMW does not contain any amines.

Recommended Uses

For maintaining the brightening action of all RichardsApex Hot Rolling Compounds.

For removing the copper oxides from the copper in the cleaning section of the continuous mill. Use a concentration of 2% - 4% by volume of HRMW in water.

Dilution Mixture

Approximate volume of HRMW and Water needed to make 1,000 gallons or 1,000 liters of Ready-to-Use Emulsion

PERCENT CONCENTRATION (By Volume)	1%	2%	3%	4%	5%
Percent Active Concentration by Gas Chromatography	0.7%	1.4%	2.1%	2.8%	3.5%
HRMW Conc. Cleaner	10	20	30	40	50
Water	990	980	970	960	950

Specifications

Density	0.90 kg/L	8.3 lbs/gal
Flash Point (C°/F°)	20.6°	69°