

**PRODUCT DATA**



**www.RichardsApex.com**

**Phone: 215-487-1100**

**HRM-W COMPOUND**

**HRM-W** is a low-viscosity, alkaline liquid, weighing approximately 7.5 pounds per gallon. **HRM-W** is specially formulated to be used in conjunction with all **RichardsApex Hot Rolling Compounds** for the production of clean, oxide-free copper.

Additions of **HRM-W** maintain the correct concentration of metal brighteners for consistently producing oxide-free, bright copper. The amount of **HRM-W** 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.

**HRM-W** does not contain any amines.

FLASH POINT – T.C.C. 69°F (20.6°C)

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**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 **HRM-W** in water.

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**DILUTION MIXTURE**

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

<b>PERCENT CONCENTRATION (by volume)</b>	1%	2%	3%	4%	5%
<b>PERCENT ACTIVE CONCENTRATION BY GAS CHROMATOGRAPHY</b>	0.7%	1.4%	2.1%	2.8%	3.5%
<b>HRM-W CONC. CLEANER</b>	10	20	30	40	50
<b>WATER</b>	990	980	970	960	950