

# Black-Magic™ RT Predip P

Black-Magic™ RT Predip P is a mildly acidic surface conditioner/activator used prior to the application of Black Magic RT S20, S25, S26, & S30 finishes on iron and steel. It serves as a mild activator for difficult-to-blacken passive steel surfaces or as a conditioner to enhance the RT coloration.

## Physical Data

Specific gravity	1.17
Solubility in water	complete
Appearance and odor	Clear, colorless; slight alcohol odor
pH 10% solution	1.0 to 2
pH concentrate	4.5

## Operating Conditions

This solution is used at 7% (volume) and should be operated at temperatures of 100-170°F (38-77 °C). Processing procedure should recommendation provided in respective Black-Magic RT product.

Equipment	stainless steel, polypropylene, polyethylene, fiberglass or rubber lined tanks.
Heater	stainless steel or nickel-plated steel piping

## Test Kit Method

Using the syringe provided, place a 5 mL bath sample into sample bottle and fill bottle 1/2 full of water, add 5 drops of phenolphthalein indicator. Add 1.0N NaOH solution drop wise until solution turns light pink.

$$\% \text{ by volume Black-Magic RT Predip P} = \# \text{ Drops } 1.0\text{N NaOH Solution} \times 0.35$$

## Waste Disposal

Neutralize solutions of Product Name to a pH of 6 to 8 with either caustic soda or soda ash before discarding. In order be completely informed on those latest waste disposal regulations for your area; please contact the local authorities.



## Caution

The Black-Magic™ RT Predip P concentrate and working solutions are mildly acidic. Avoid contact with eyes, skin and clothing. Wear eye protection (glasses, goggles or face shield), protective gloves and rubber apron when mixing solutions and while working with the solutions. Avoid contact of Black-Magic™ RT Predip P concentrate and solution with alkali materials.

DO NOT MIX Black-Magic™ RT Predip P WITH ANY OTHER CHEMICALS OR SOLUTIONS.

**WARRANTY:** HUBBARD-HALL INC. IS NOT RESPONSIBLE FOR THE MISUSE, MISAPPLICATION, OR MISHANDLING OF THIS PRODUCT. SEE THE TERMS AND CONDITIONS OF SALE ON OUR WEBSITE FOR ADDITIONAL TERMS AND CONDITIONS CONCERNING OUR PRODUCTS, INCLUDING BUT NOT LIMITED TO, LIMITATIONS AND DISCLAIMERS OF WARRANTIES AND LIABILITIES.

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For more information on this process,  
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