



RHOMAR WATER

Heat Transfer Fluids • Hydronic System Solutions

pH Down

Concentrated Water Treatment Compound for Lowering pH of Water and Glycol Based Antifreeze and Heat Transfer Fluids

- *Can be used in all types of Hydronic Heating and Cooling Systems*
- *Blended with ingredients considered "Generally Recognized as Safe" (GRAS) for the intended purpose*
- *May be used in systems where incidental food contact is possible*
- *Concentrated and economical, Small amounts required to lower system fluid pH*



Available in a variety of container sizes.

Rhomar Water, 2103 E Rockhurst St., Springfield, MO 65802
1-800-543-5975 • www.RhomarWater.com



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DESCRIPTION:

pH Down is a concentrated water treatment compound specially formulated to safely and quickly neutralize excess alkalinity and for lowering the pH in water and glycol based antifreeze and heat transfer fluids.

ADVANTAGES:

pH Down can be used to lower the pH of all types of antifreeze and heat transfer fluid formulations used in hydronic heating and cooling systems. **pH Down** is concentrated and economical to use.

DIRECTIONS:

The amount of **pH Down** needed to produce the desired pH will vary greatly with each system. A typical* quantity of **pH Down** needed to lower the pH from 9.0 to 8.0 would be around 10 mL (1/3 ounce) per gallon. It is recommended to measure the amount of **pH Down** required to adequately lower the pH of 1 gallon of system fluid. Start by using an eye dropper or 1 mL syringe and add 1 mL to your 1 gallon fluid sample. Stir thoroughly and re-check the pH. Continue adding **pH Down** until the desired pH is achieved and record the amount of **pH Down** that was used. This quantity can then be multiplied by the system volume to determine the quantity of **pH Down** needed for the entire system. The treated fluid should be circulated for several days or weeks, depending on the volume, and then rechecked for proper pH. Several small adjustments are recommended to prevent over-treating. Calibrated pH meters are the most accurate method for testing pH. For fluids that have a pH that is too low, or if too much **pH Down** has been added, the pH can be raised using **Rhomar Water's pH Boost** product.

**A typical quantity value is derived from our in-house experiments and should be used solely as a guide.*

CAUTION:

Use caution when adding **pH Down** to systems with aluminum or galvanized metals. Final pH should not drop below 7.5 for these metals.

ATTENTION:

Variations of product color may be caused by manufacturing conditions, UV or sunlight exposure, or mixing with chlorinated water.

REORDERS:

Call **1-800-543-5975** or visit our website at **www.RhomarWater.com**.