

ScaleBreak®-Neutralizer

NEUTRALIZING SOLUTION FOR SCALEBREAK® PRODUCTS



*Sold in 25 pound pails.

ScaleBreak Neutralizer is an alkaline crystal powder designed for the neutralization of ScaleBreak, ScaleBreak-Gel, ScaleBreak-SS and ScaleBreak-Utility when the solution requires a pH adjustment. As ScaleBreak products are circulated throughout the water passages of equipment, the water formed deposits are dissolved into a liquid suspension. A rapid pH ascent with any cleaning product can allow the hard water deposits to fall back out of suspension. As a result, the neutralization of used ScaleBreak products should not take place within the application that was just cleaned. **Goodway Technologies** recommends this process takes place in a secondary container to insure your equipment remains clean.

Undiluted ScaleBreak®:

Each gallon of undiluted ScaleBreak® requires 1.3 pounds of Sodium Carbonate (Soda Ash) or Sodium Bicarbonate (Baking Soda) for complete neutralization (pH > 5.5). In other words, one (1) pound of Sodium Carbonate or Sodium Bicarbonate will neutralize about 3/4 of a gallon (3 quarts) of pure ScaleBreak®.

Please Note: Amount of scale accumulation may vary within the system being cleaned. As a result, the amount of ScaleBreak Neutralizer Powder will also vary. The quantities listed below are approximations and should be used to calculate the approximate amount of Sodium Carbonate or Bicarbonate that could be needed. The actual amount required will vary as pH and neutralization requirements vary with temperature and other variables. It is best to verify the pH of the solution as the Sodium Carbonate is added to the ScaleBreak® solution.

FOR DILUTED SOLUTIONS OF SCALEBREAK®

Solutions of ScaleBreak® with a pH between 1.0 and 1.5	One (1) pound of Sodium Carbonate or Bicarbonate will neutralize 2 gallons of solution (pH > 5.5).
Solutions of ScaleBreak® with a pH between 1.5 and 2.0	One (1) pound of Sodium Carbonate or Bicarbonate will neutralize 10 gallons of solution (pH > 5.5).
Solutions of ScaleBreak® with a pH between 2.0 and 2.5	One (1) pound of Sodium Carbonate or Bicarbonate will neutralize 50 gallons of solution (pH > 5.5).
Solutions of ScaleBreak® with a pH between 2.5 and 3.0	One (1) pound of Sodium Carbonate or Bicarbonate will neutralize 100 gallons of solution (pH > 5.5).
Solutions of ScaleBreak® with a pH than 3.0	One (1) pound of Sodium Carbonate or Bicarbonate will neutralize 200 gallons of solution (pH > 5.5).

Always use **ScaleBreak® Neutralizer** as directed. If you have any questions or require further procedural information, please contact **Goodway Technologies** for further assistance.

When disposing any effluents down plant sewers, please always follow Federal, State and local disposal guidelines. Once ScaleBreak products are emptied from pails, drums and totes, the containers can be rinsed with water and recycled.

CAUTION: The reaction of ScaleBreak and sodium carbonate or bicarbonate can create excessive foaming and produce CO₂. Please make sure during the neutralization process the container is properly vented to alleviate the build-up of pressure. Additionally, the container being utilized for the neutralization process should have ample space to accommodate the foaming reaction.

GOODWAY®
INNOVATIVE MAINTENANCE SOLUTIONS

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