

5² pH

Stabilizer

A blend of food-grade phosphate buffers for your mash

❖ *BENEFITS*

- ❖ Optimize the enzymatic activity of your malt.
- ❖ Help clarify your wort.
- ❖ More consistent hop usage in the boil.
- ❖ Reduce scaling & mineral deposition in the lauter.

❖ *DESCRIPTION*

5² is a proprietary blend of food-grade phosphate buffers (similar to brewer's salts) that will lock in your mash and kettle water at a pH of 5.2 regardless of the starting pH of your water. 5² is safe for your mash and WILL NOT add any flavors to your beer. 5² will provide consistency of pH in any water conditions, but the most significant gains will be obtained if you are brewing in hard water.

Repeatability throughout the brewing process is the key to producing consistent high quality beer. Of all the ingredients in your beer, water is the most misunderstood component. Water is universal solvent for metals, minerals, cations and anions. The quality, hardness and subsequent pH of your water will affect enzymatic activity, solubility of salts, proteins and sugars as well as hop usage and perceived hop bitterness. In addition, water quality also contributes to scaling and mineral deposited on your equipment. Now you have the ability to control the pH of your brewing water under any conditions.

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❖ *PROPERTIES*

APPEARANCE.....WHITE POWDER
FOAM.....NONE pH @ 1%
SOLUTION.....5.2
SOLUBILITY.....22g per 100g OF WATER

❖ *GENERAL USE DIRECTIONS*

Use 5² at a rate of approx. 2oz. per 31 gallons of water used in your brew. Calculate the amount of water based on the total volume in the kettle (ex. 7bbl. Leaving kettle use 14oz. of 5²). Place 5² in the mash tun while you are mashing in. If desired, dissolve in a small amount of water before adding to the mash.

❖ *SAFETY*

WARNING: Severe eye irritant. Contains a blend of food-grade buffering phosphates. DO NOT get in eyes or on skin. Wash after use. Wear suitable skin and eye protection when using this product. Can be harmful if swallowed. DO NOT TAKE INTERNALLY.

FIRST AID:

Eye contact – Flush with cool running water for 15 minutes lifting upper and lower eye lids intermittently. Get medical attention at once.

Skin contact – Wash skin with cool running water for 15 minutes. Get medical attention if irritation persists.

For Ingestion – Do not induce vomiting. Give large quantities of water. Call a physician at once.