

## 75% PHOSPHORIC ACID (FG)

### TECHNICAL DATA SHEET

#### DESCRIPTION

75% Phosphoric Acid is a **food-grade** solution commonly used in brewing and beverage production. It is primarily utilized to lower the pH of sparge water, adjust the pH of wort, and acidify beverages, contributing to their overall flavor profile.

#### PRODUCT INFORMATION

75% Phosphoric Acid is formulated specifically for food-grade applications, ensuring safety and quality in beverage production processes. It provides an effective means of pH adjustment while meeting regulatory standards. For specific application instructions, consult a representative from your brewing supplier.

#### MATERIAL COMPATIBILITY

##### Metal:

Compatible with most metals. Avoid prolonged exposure on reactive metals.

##### Plastic:

Compatible with most hard, non-reactive plastics. Test on a small, inconspicuous area before full-scale application.

#### TECHNICAL DATA

**Concentration:** 75%

**Appearance:**  
Clear colorless liquid

**Odor:** Seabreeze scent

#### INSTRUCTION

##### Beverage Acidification:

Determine the desired pH level for your beverage. Calculate the amount of 75% Phosphoric Acid needed based on the current pH and target pH. Add 75% Phosphoric Acid gradually to the beverage, stirring thoroughly after each addition.

Measure the pH periodically until the desired level is achieved.

Record the amount of 75% Phosphoric Acid added for future reference.



#### PRECAUTIONS

75% Phosphoric Acid is a strong acid. Handle with care to prevent skin and eye contact.

- Store 75% Phosphoric Acid in sealed containers away from extreme temperatures.
- Do not breathe in mist.
- Wash hands thoroughly after handling.
- Wear proper personal protective equipment (PPE) when handling
- Wear protective gloves, protective clothing, and eye/face protection.
- Use only outdoors or in a well-ventilated area.
- Keep only in original packaging
- Store locked up.
- Store in a well-ventilated place.
- Keep container tightly closed.
- Store in corrosion resistant container with a resistant inner liner.
- Store in a cool and dry place.
- Consult the Safety Data Sheet (SDS) for detailed information.



Scan QR Code  
for SDS & TDS

Manufactured for Vitatek Solutions  
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Containers sizes:  
19L, 32L, 56L, 205L