

### PRODUCT IDENTIFICATION



**Product Name:** Phosphoric Acid 50% Food Grade

**CAS Number:** 7664-38-2

**Molecular Formula:**  $H_3O_4P$

**Molecular Weight:** 97.995 g/mol

**Grade:** Food Grade

**Purity / Concentration:** 50%

**Synonyms:** Not Available

### PRODUCT OVERVIEW

Technical data sheet for Phosphoric Acid 50% Food Grade.

### CERTIFICATE OF ANALYSIS — TYPICAL VALUES

*Certificate of Analysis data not available for this product.*

### PHYSICAL & CHEMICAL PROPERTIES

<b>Appearance</b>	Clear, viscous liquid	<b>Form</b>	Liquid
<b>Boiling Point</b>	158°C (85%)	<b>Melting / Freezing Point</b>	21°C (pure)
<b>Specific Gravity</b>	1.329	<b>Solubility</b>	Fully miscible with water
<b>Molecular Formula</b>	$H_3O_4P$	<b>Molecular Weight</b>	97.995 g/mol

### APPLICATIONS

Contact Alliance Chemical for application guidance.

### STORAGE & HANDLING

- Store in a cool, dry, well-ventilated area.
- Keep container tightly closed when not in use.
- Store away from incompatible materials.
- Follow all applicable local and federal storage regulations.

### AVAILABLE PACKAGING

- 1 Quart
- 1 Gallon
- 5 Gallon
- 15 Gallon
- 55 Gallon
- 275 Gallon
- 330 Gallon

## SAFETY SUMMARY (CROSS-REFERENCE TO SDS)

Signal Word: **Danger**



### Hazard Statements:

- H314: Causes severe skin burns and eye damage [Danger Skin corrosion/irritation]

**Emergency Contact:** CHEMTEL - 800-255-3924 (24 Hours/Day, 7 Days/Week)

*For complete safety information, refer to the Safety Data Sheet (SDS) for this product.*

---

**Alliance Chemical** | 204 South Edmond St, Taylor, Texas 76574 | 512-365-6838 | [www.alliancechemical.com](http://www.alliancechemical.com)

**Disclaimer:** The information contained herein is believed to be accurate and represents the best information currently available to us. However, Alliance Chemical makes no warranty of merchantability or any other warranty, express or implied, with respect to such information, and we assume no liability resulting from its use. Users should make their own investigations to determine the suitability of the information for their particular purposes.