Phosphoric Acid 81%

Food Grade

CAS No.: 7664-38-2
Chemical Formula: H_3PO_4

PRODUCT DESCRIPTION

Phosphoric Acid 81% Food Grade is a high-purity aqueous solution of phosphoric acid containing a minimum of 81% H_3PO_4. The product features controlled levels of arsenic, fluoride, phosphorous acid and heavy metals for applications requiring food-grade phosphoric acid.

KEY FEATURES

- Food-grade phosphoric acid
- H_3PO_4 content ≥ 81%
- Controlled arsenic and heavy metal content
- Low fluoride content
- Consistent high-purity acid solution

APPLICATIONS

- Food and beverage processing
- Acidulant and pH adjustment
- Food ingredient formulations
- Sugar and edible oil processing
- Industrial food processing

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LIMITED WARRANTY INFORMATION.
PLEASE READ CAREFULLY.

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This document is subject to revision without notice as new data becomes available.

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PRODUCT SPECIFICATIONS

Parameter	Specifications
Phosphoric Acid (H_3PO_4)	≥ 81%
Arsenic (As)	≤ 0.00005%
Fluoride (F)	≤ 0.001%
Phosphorous Acid (H_3PO_3)	≤ 0.012%
Heavy Metals as Pb	≤ 0.0005%

PACKAGING
Available in 1,600 kg IBCs.

STORAGE & HANDLING
Store in the original, sealed packaging in a cool, dry and well-ventilated area. Protect from incompatible materials and keep containers securely closed when not in use.

SHELF LIFE
2 years under recommended storage conditions.

SAFETY
Refer to the current Safety Data Sheet (SDS) for additional information on safe handling, storage and use.