

Calcium Phosphate Monobasic

Food-grade phosphate for qualified leavening, calcium-source and pH-control formulations.

CAS No. 7758-23-8	EC / List No. 231-837-1	Transport Non-dangerous goods
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Product Information

Food-grade phosphate for qualified leavening, calcium-source and pH-control formulations.

Specifications

Parameter	Specification
Appearance	White powder
Calcium content	15.9–17.7 %
Lead	≤0.0002 %
Arsenic	≤0.0003 %
Heavy metals	≤0.0015 %
Fluoride	≤0.005 %
Water, 60°C for 3 hours	≤1.0 %

Grade-specific supply limits. The agreed specification and batch COA govern delivery.

Typical Properties

Property	Typical Value
Molecular formula	Ca(H ₂ PO ₄) ₂
Molecular weight	234.05 g/mol

Applications

Bakery leavening systems: Leavening-acid component for qualified bakery formulations.

Dough and pH-control formulations: Phosphate ingredient for suitable dough-regulation and pH-control concepts.

Calcium-source formulation development: Calcium-source ingredient for permitted food and nutritional concepts.

Packaging / Storage

Item	Information
Packing	25 kg composite woven/paper bags with PE liner
Storage	Store tightly closed in a cool, dry, well-ventilated place. Protect from moisture, excessive heat, direct sunlight and incompatible chemicals.
Handling	Avoid dust generation and inhalation. Wear tightly fitting safety goggles, protective gloves and work clothing; use local dust extraction. After eye exposure, rinse immediately and obtain urgent medical attention.

Company Contact

Supplier	Hainan Zhongxin Chemical Co., Ltd. (ZXCHEM)
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