

Sodium Acid Pyrophosphate

Leavening acid, buffering agent and sequestrant for qualified food formulations.

CAS No. 7758-16-9	EC / List No. 231-835-0	Transport Non-dangerous goods
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Product Information

Leavening acid, buffering agent and sequestrant for qualified food formulations.

Specifications

Parameter	Specification
Appearance	White powder
Assay	≥95.0 %
P2O5	63.0–64.5 %
pH	3.5–4.5
Loss on drying	≤0.5 %
Water-insoluble matter	≤1.0 %
Arsenic	≤2 ppm
Lead	≤2 ppm
Fluorine	≤10 ppm
Mercury	≤1 ppm
Bulk density	0.8–1.0 g/mL

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

Typical Properties

Property	Typical Value
Molecular formula	Na ₂ H ₂ P ₂ O ₇
Molecular weight	221.94 g/mol

Applications

Bakery leavening systems: Acid component for technically supervised sodium-bicarbonate leavening systems.

Food buffering: Ingredient for selected permitted food-buffering formulations.

Sequestration and colour control: Phosphate for qualified food sequestration concepts.

Packaging / Storage

Item	Information
Packing	25 kg kraft bags
Storage	Store tightly closed in a cool, dry, well-ventilated place. Protect from moisture, excessive heat, direct sunlight and incompatible chemicals.
Handling	Provide effective ventilation during powder transfer. Wear suitable protective gloves, safety goggles and work clothing. Avoid airborne dust, ingestion and unnecessary skin or eye contact.

Company Contact

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