

Technical Data Sheet

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Item Name:

SAPP

PRODUCT INFORMATION

Chinese Name:	酸式焦磷酸钠 / 焦磷酸二钠
Commodity Name:	SAPP (Food Grade)
Chemical Name:	Sodium Acid Pyrophosphate
Other Name:	Disodium Dihydrogen Pyrophosphate
CAS No.:	7758-16-9
Molecular Weight:	221.95
Molecular Formula:	$\text{Na}_2\text{H}_2\text{P}_2\text{O}_7$

PRODUCT DESCRIPTION

White odorless crystalline powder. Ease soluble in water, insoluble in ethanol. Its water solution is alkalic.

TECHNICAL SPECIFICATION

Index	Standard
Appearance	White odorless crystalline powder
P ₂ O ₅ content by wt %	63-64
Purity by wt %	93-100.5
Water insoluble by wt %	1.0 max
Fluoride content by wt %	0.001 max
Heavy metal as Pb by wt %	0.001 max
As content by wt %	0.0003 max
pH value	3.5-4.5
Loss on ignition at 105 °C	0.5 max

MAIN APPLICATION

In food industry, it is used as rapid ferment agent, quality improver and applied as acid component of bread and cake's synthetic leavening agent. Mixed with other phosphates can be applied to water retention of meat products, such as canned meat, cooked ham, meat can and instant noodle.

PACKING, LOADING AND SHELF LIFE

Packing: 25kg PP bag with PE liner

Loading: Without pallet: 1000 bags(25mt)/20'fcl, On pallets: 880 bags (22mt)/20'fcl

Shelf Life: 24 months when stored in cool, dry and ventilated warehouse, away from incompatible materials.

DISCLAIMER

The information provided in this data sheets is for informational purposes only is considered reliable, but Rawchem doesn't guarantee how any other products associated with this information will behave in combination with variables to other matters. It's recommended to make adaptations to local working conditions and to the raw material to be used.