

**BP PYRO®**  
**BRAND OF SODIUM ACID PYROPHOSPHATE (SAPP)**  
**LEAVENING AGENT**

<b>DESCRIPTION</b>	Sodium Acid Pyrophosphate is an anhydrous, white powdered material which complies with the specifications of the Food Chemicals Codex.
<b>TRADE MARK</b>	BP PYRO
<b>USES</b>	Food Selected types for baking powders, baking creams and as a leavening agent for prepared doughnut and cake mixes.
<b>NOMENCLATURE</b>	Sodium Acid Pyrophosphate Disodium Dihydrogen Pyrophosphate
<b>FORMULA</b>	$\text{Na}_2\text{H}_2\text{P}_2\text{O}_7$
<b>FORMULA WEIGHT</b>	221.9
<b>CAS NUMBER</b>	7758-16-9
<b>CAS INDEX NAME</b>	Diphosphoric Acid, Disodium Salt
<b>E/INS NUMBER</b>	E 450(i)
<b>RETEST DATE</b>	24 months
<b>STORAGE</b>	Store at Room Temperature
<b>CERTIFICATES</b>	Includes Kosher, NAFTA and others available
<b>LABEL DECLARATION</b>	Sodium Acid Pyrophosphate
<b>GRADE</b>	Food Chemicals Codex (current edition)

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<b>MANUFACTURING LOCATION(S)</b>	Pt. Maitland, ON Chicago Heights, IL
<b>SHIPPING POINTS</b>	Chicago Heights, IL Toronto, ON
<b>CONTAINERS</b>	50 pound net weight paper bags (42 bags per pallet) 25-kilogram paper bags (42 bags per pallet) Other containers may be available upon request

**SPECIFICATIONS**

Assay ( $\text{Na}_2\text{H}_2\text{P}_2\text{O}_7$ ) dry basis	93.0% - 100.5%
Arsenic (As)	3 ppm max.
Fluoride (F)	50 ppm max.
Lead (Pb)	2 ppm max.
Water Insolubles	1% max.
Sieving:	
On 60 mesh	0%
On 100 mesh	1.0% max.
On 200 mesh	5.0% max.

**TYPICAL PROPERTIES**

pH (1% solution)	4.1 – 4.5	
Rate of Reaction (2 minute mixing)	28	
Solubility	13 grams per 100 grams saturated solution at 25°C	
Bulk Density, lbs per cu/ft	68	
Solubility	13 grams per 100 grams saturated solution at 25°C	

4/12/13