

SAPP - 40
SODIUM ACID PYROPHOSPHATE (SAPP)
LEAVENING AGENT (EC GRADE)

DESCRIPTION	Sodium Acid Pyrophosphate is an anhydrous, white powdered material which complies with the specifications of the Food Chemicals Codex and EC Directive for food additives.
USES	Food Selected types for baking powders, baking creams and as a leavening agent for prepared doughnut and cake mixes.
NOMENCLATURE	Sodium Acid Pyrophosphate Disodium Dihydrogen Pyrophosphate
FORMULA	$\text{Na}_2\text{H}_2\text{P}_2\text{O}_7$
FORMULA WEIGHT	221.9
CAS NUMBER	7758-16-9
CAS INDEX NAME	Diphosphoric Acid, Disodium Salt
E/INS NUMBER	E 450 (i)/231-835-0
RETEST DATE	24 months
STORAGE	Cool and dry
CERTIFICATES	Includes Kosher, NAFTA and others available
LABEL DECLARATION	Sodium Acid Pyrophosphate
GRADE	Food Chemicals Codex (current edition) EC Directive for food additives (current edition) Product code: 40V.431

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**MANUFACTURING
LOCATION(S)** Pt. Maitland, ON
CHICAGO HEIGHTS, IL

SHIPPING POINTS Chicago Heights, IL
Toronto, ON

CONTAINERS 25-kilogram paper bags

SPECIFICATIONS

Assay ($\text{Na}_2\text{H}_2\text{P}_2\text{O}_7$)	95.0% min
Total Phosphate as P_2O_5	63.0 – 64.5 %
Loss on Drying	0.5% max.
pH	4.1 – 4.5
Arsenic (As)	3 ppm max.
Fluoride (F)	10 ppm max.
Lead (Pb)	2 ppm max.
Cadmium (Cd)	1 ppm max.
Mercury (Hg)	1 ppm max.
Water Insolubles	1 % max.
Dough Rate of Reaction	Typical of SAPP-40
Sieving:	
On 100 mesh	1% max.
On 200 mesh	5% max.

3/26/10