

**SODIUM TRIPOLYPHOSPHATE, ANHYDROUS
POWDER AND GRANULAR GRADES
FOOD CHEMICALS CODEX**

DESCRIPTION	Sodium Tripolyphosphate, Anhydrous, is a white granular or powder material which complies with the specifications of the Food Chemical Codex and the American Water Works Association Standard B-503-05.
USES	√ A wide variety of processed food products including dairy and meat processing. <u>Water Treatment</u> √ Sequestrant for alkaline metals, scale control, corrosion control, softening, lead control, red and black water control.
NOMENCLATURE	Sodium Tripolyphosphate Pentasodium Triphosphate
FORMULA	$\text{Na}_5\text{P}_3\text{O}_{10}$
FORMULA WEIGHT	368
CAS NUMBER (SOLUTE)	7758-29-4
CAS INDEX NAME	Triphosphoric Acid, Pentasodium Salt
E/INS NUMBER	451 (i)
RE-TEST DATE	24 Month granular; 18 Month Powder
CERTIFICATES	Includes NAFTA, NSF, Kosher, Halal and others.
LABEL DECLARATION	Sodium Phosphate
GRADE	Standard FCC Granular – Code 20G Standard FCC Powder – Code 20A
MANUFACTURING LOCATION(S)	Pt. Maitland, ON

**SODIUM TRIPOLYPHOSPHATE, ANHYDROUS
POWDER AND GRANULAR GRADES
FOOD CHEMICALS CODEX**

SHIPPING POINTS Chicago Heights, IL
Pt. Maitland, ON
Toronto, ON

CONTAINERS 50 lb net weight paper bags (R/C 20G.435) 50lb granular
(R/C 20G.428) 25kg granular; (R/C 20A.431) 25kg powder
Other containers may be available upon request

SPECIFICATIONS

Assay (as Na ₅ P ₃ O ₁₀ dry basis)	85.0% min	
Arsenic (As)	3 ppm max.	
Fluoride (F)	50 ppm max.	
Lead (Pb)	2 ppm max.	
Water Insolubles	0.1% max.	

TYPICAL PROPERTIES

pH (1% solution)	9.9		
Solubility	(grams per 100 grams at 25°C)	15g	
Sieving %	<u>Granular</u>	<u>Powder</u>	
Through 20 mesh	>90%	>99%	
Through 100 mesh	<35%	>90%	
Bulk density g/cc (loose)	0.6	0.8	

6/3/11