

## PHOSPHATES FOR FOOD FORMULATION

APPLICATION(S)	PHOSPHATE(S)	FUNCTIONALITIES
Infant Foods	Prayphos™ 908 Calcium products	Low aluminum mineral supplements
Cured Meats	Carfosel™ STPP, Carfosel™ Blends	Protein binding, cure color development, moisture retention
Comminuted Meats	Carfosel™ STPP, Carfosel™ Blends	Develop and stabilize emulsions
Finfish fillets, Scallops, Shrimp	Carfosel™ STPP, Carfosel™ B-940	Moisture retention, protein modification, peeling of shrimp
Canned Tuna, Pasteurized Crab	SAPP	Inhibit struvite, promote natural color
Cakes, Cookies, Pancakes, Doughnuts, Quick Breads	Praylev™ Leavening Acids, SAPP, MCP, DCP, SALP	Chemical leavening
Cereal Foods	TSP, TCP, DCP, DSP, TSP	Extrusion aid, mineral supplement, decrease cook time
Processed Cheese	Fortipray™, Kasomel™ DSP, TSP, SHMP, TCP, Blends	Emulsifying salts and mineral supplements, Vitamin supplement
Colas, Juices and Non-carbonated Soft Drinks	Phosphoric Acid, TCP, SHMP, TSP	Acidulant, mineral supplement, sequestrant
Potato Products	SAPP	Iron binder to maintain color
Isotonic Beverages, Nutrition Bars and Dairy Products	Fortipray™, TCP, DCP, DKP, TKP, MKP	Mineral supplement, Vitamin supplement
Starch Modification	STPP, STMP	Cold swelling, retort stable starches
Pet Food	SAPP, STPP, TSP, TSP, DCP, SHMP, Phosphoric Acid	Palatant systems, protein modification, acidification, mineral supplement
Free Flow Agent	Prayphos™ TCP 908 FG	Flow agent for powdered products

## PRAYON PRODUCT LINE

| Phosphoric Acid (H<sub>3</sub>PO<sub>4</sub>)  
| Monocalcium Phosphate (MCP)  
| Dicalcium Phosphate (DCP)  
| Tricalcium Phosphate (TCP)  
| Monosodium Phosphate (MSP)  
| Disodium Phosphate (DSP)  
| Trisodium Phosphate (TSP)  
| Monopotassium Phosphate (MKP)  
| Dipotassium Phosphate (DKP)

| Tripotassium Phosphate (TKP)  
| Tetrapotassium Pyrophosphate (TKPP)  
| Potassium Tripolyphosphate (KTPP)  
| Sodium Acid Pyrophosphate (SAPP)  
| Tetrasodium Pyrophosphate (TSP)  
| Sodium Tripolyphosphate (STPP)  
| Sodium Trimetaphosphate (STMP)  
| Sodium Aluminum Phosphate (SALP)  
| Phosphate Liquid Solutions

carfosel. praylev. kasomel. solupray. fortipray.

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