

PHOSPHATES FOR FOOD FORMULATION

APPLICATION(S)	PHOSPHATE(S)	FUNCTIONALITIES
Cured Meats	Carfose [™] STPP, Carfose [™] Blends	Protein binding, cure color development, moisture retention
Comminuted Meats	Carfose [™] STPP, Carfose [™] Blends	Develop and stabilize emulsions
Finfish fillets, Scallops, Shrimp	Carfose [™] STPP, Carfose [™] 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	TSPP, 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, TSPP	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, TSPP, DCP, SHMP, Phosphoric Acid	Palatant systems, protein modification, acidification, mineral supplement

PRAYON PRODUCT LINE

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|---|-------------------------------------|----------------------------------|
| Phosphoric Acid (H ₃ PO ₄) | Monopotassium Phosphate (MKP) | Sodium Tripolyphosphate (STPP) |
| Monocalcium Phosphate (MCP) | Dipotassium Phosphate (DKP) | Sodium Trimetaphosphate (STMP) |
| Dicalcium Phosphate (DCP) | Tripotassium Phosphate (TKP) | Sodium Aluminum Phosphate (SALP) |
| Tricalcium Phosphate (TCP) | Tetrapotassium Pyrophosphate (TKPP) | Phosphate Liquid Solutions |
| Monosodium Phosphate (MSP) | Potassium Tripolyphosphate (KTPP) | |
| Disodium Phosphate (DSP) | Sodium Acid Pyrophosphate (SAPP) | |
| Trisodium Phosphate (TSP) | Tetrasodium Pyrophosphate (TSPP) | |

carfose[™]. praylev[™]. kasomel[™]. solupray[™]. fortipray[™].

PROBIOTICS & STARTER CULTURES

THT (member of the Prayon Group) selects and produces a large range of lactic ferments used in healthcare products (probiotics) and foodstuffs (starter and bioprotective cultures)



WWW.THT.BE | info@tht.be

PROBIOTICS & STARTER CULTURES

PRAYON Inc.
P.O. BOX: 1473 - Augusta, GA 30903

Phone: 706-798-4346

Fax: 706-771-3469

Toll Free Number:

800-4PRAYON / 800-477-2966

E-mail: food@prayoninc.com

WWW.PRAYON.COM/EN