

JIRAKORN COMPANY LIMITED

PRODUCT LIST			
Product Name	Function	Application	Remark
PRESERVATIVES			
Potassium Sorbate (INS No.202)	Preservative	To inhibit molds and yeasts in many food such as a yam, Bakery, butter and processed fruits	Halal Kosher FSSC 22000 ISO 14001:2004
Sodium Benzoate (INS No.211)	Preservative	To inhibit bacteria and fungi under acidic conditions in acidic foods such as salad dressings, carbonated drinks jams and fruit juices.	Halal FSSC 22000
Sodium Propionate (INS No.281)	Preservative	To inhibit molds in bakery products.	Halal
Sodium Metabisulfite (INS No.223)	Preservative Antioxidant Bleaching	To use as a preservative and an antioxidant in foods.	Halal, Kosher ISO 9001:2015 ISO 14001:2004 OHSAS 18001 :2007
FOOD ADDITIVES			
Calcium EDTA (INS No.385)	Sequestrant Preservative	To prevent catalytic oxidative decoloration, which is catalyzed by metal ions.	Kosher ISO 9001:2008 ISO/TS 22002 ISO2200:2015 FSSC 22000
DL-Alanine (CAS No. 302-72-7)	Amino acid Flavor Enhancer	To enhance the taste of many foods.	JCQA (Japan Chemical Quality Assurance)
Double Action Baking Powder	Baking Powder	To increase the volume and lightening the texture of baked goods.	Halal
Glycine (INS No.640)	Amino acid Sweetener Taste enhancer	To use as amino acid in nutritional supplement. To enhance the taste of many foods.	JCQA (Japan Chemical Quality Assurance)

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FOOD ADDITIVES			
Glucono Delta Lactone (INS No.575)	Amino acid Sequestrant Acidifier Curing	To add a tangy taste to foods.	Halal FSSC 22000
Sodium Bicarbonate (INS No. 500(ii))	Alkali leavening agent buffer	To use as baking soda.	Halal, Kosher GMP, HACCP ISO 9001:2015 ISO 14001:2004 OHSAS 18001 :2007
Sodium Erythorbate (INS No. 316)	Antioxidant	To used predominantly in meats, poultry and soft drinks.	Halal, Kosher ISO 22000 : 2005 ISO 14001:2004 ISO 9001:2008 BRC
EMULSIFIERS			
Sodium Stearoyl Lactylate (INS No. 481)	Emulsifier	To improve the mix tolerance and volume of processed foods.	Halal BRC
FLAVORS AND ENHANCERS			
Citric Acid (INS No. 330)	Acid Regulator	To use as a flavoring and preservative in food and beverages. To use in food coloring to balance the pH level of a normally basic dye.	Halal, Kosher HACCP FSSC 22000
Potassium Chloride (INS No. 508)	Seasoning Gelling Agent	To use as a salt substitute for food, but due to its bitter, unsalted flavor, it is usually mixed with ordinary table salt (sodium chloride) to improve the taste	Halal, Kosher ISO 22000 : 2005 BRC

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FLAVORS AND ENHANCERS			
Disodium 5'-Ribinucleotide (I+G) (INS No. 635)	Flavor enhancer	To create the taste of umami. To use in flavored noodles, snack foods, chips, crackers, sauces and fast foods.	Halal FSSC 22000 ISO 9001:2008
Monosodium Glutamate (MSG) (INS No. 621)	Flavor enhancer	To create the taste of umami.	Halal FSSC 22000 ISO 9001:2008
Plus-2	Flavor enhancer	To create the taste of umami.	GMP/HACCP Halal
Plus-3	Flavor enhancer	To create the taste of umami.	GMP/HACCP Halal
JK-Tide	Flavor enhancer	To create the taste of umami.	GMP/HACCP Halal
SWEETENER			
Dextrose (Monohydrate) (D-Glucose)	Sweetener	Dextrose is a natural sweetener.	Halal Kosher GMP, HACCP FSSC 22000
Sorbital (Powder)	Sweetener	To use in diet foods (including diet drinks and ice cream), mints, cough syrups, and sugar-free chewing gum	Halal ISO 9001:2008 ISO 14001:2004
Sorbital (70% Solution) (INS No. 420)	Sweetener	To use in diet foods (including diet drinks and ice cream), mints, cough syrups, and sugar-free chewing gum	Halal, Kosher GMP, HACCP ISO 9001:2008

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WAX/ COATING/ HORMONE/ BLEACHING (for fruits and vegetables)			
Ethylene Gas (CAS No. 74-85-1)	Plant hormone	To use in agriculture to force the ripening of climacteric fruits.	-
Shellac (Base fruit coating)	Fruits coating	To use in fruits to make them shiner.	Halal Kosher ISO 9001:2015
Star-Fresh 8711 (vegetable oil-based coating)	Fruits/ Vegetables coating	To use in fruits to make them shiner. Reducing water loss and controls shrinkage.	-
Star-Fresh9 (Inorganic compound of food additives)	Antioxidant Preservative Bleaching Sanitation	To preserve the whiteness peeled coconut as long as its shelf life. To clean and preserve potatoes and peanuts	GMP/HACCP Halal
PHOSPHATES			
Dipotassium Phosphate (DKP) (INS No.340(ii))	Fertilizer Buffering agent	To use in imitation dairy creamers, Dry powder beverages, mineral supplements, and starter cultures. To use in non-dairy creamers to prevent coagulation.	Halal FSSC 22000
Sodium Tripolyphosphate (STPP) (INS No. 451(i))	Preservative Emulsifier	To retain moisture in foods To increase the weight of seafood.	Halal Kosher ISO 22000 : 2005 ISO 9001:2008
Monocalcium Phosphate (MCP) (INS No. 341(i))	Leavening agents Buffering agent Firming agent Texturizer	To Use in the food industry as a leavening agent.	Halal Kosher FSSC 22000

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PHOSPHATES			
Disodium Phosphate (DSP) (INS No. 339(ii))	Antioxidant	To use to adjust pH. To prevent coagulation in the preparation of condensed milk. To use as an anti-caking additive in powdered products. To use in desserts and puddings, e.g. Cream of Wheat to quicken cook time, and Jell-O Instant Pudding for thickening	Halal, Kosher FSSC 22000 ISO 22000 : 2005
Monosodium Phosphate (MSP) (INS No. 339(i))	Thickener Emulsifier	To add in animal feed, toothpaste, and evaporated milk. To use as a thickening agent and emulsifier.	Halal, Kosher FSSC 22000
Sodium Acid Pyrophosphate (SAPP) (INS No.450(i))	Leavening agents Raising agent Buffering agent Sequestrant	To widely use in food processing such as a canned seafood to maintain color and reduce purge during retorting. To keep the color of the potatoes from darkening.	Halal Kosher ISO 22000 : 2005 ISO 9001:2015 ISO 14001:2004 OHSAS 18001 :2007
Sodium Hexametaphosphate (SHMP) (INS No. 452(i))	Emulsifier Sequestrant Texturizer Thickener	Artificial maple syrup, canned milk, cheese powders and dips, imitation cheese, whipped topping, packaged egg whites, roast beef, fish fillets, fruit jelly, frozen desserts, salad dressing, herring, breakfast cereal, ice cream, beer, and bottled beverages	Halal, Kosher ISO 22000 : 2005 ISO 9001:2008

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PHOSPHATES			
Tetrapotassium Pyrophosphate (TKPP) (INS No. 450(v))	Emulsifier Texturizer Buffering agent	To buffer the pH of the cheese and interacts with the milk protein to promote emulsification. To stabilize and disperse the proteins during drying in flavored milk powders. To improve the viscosity, smoothness, and flavor of the final beverage. To enhances moisture retention without increasing sodium content in meat processing.	Halal FSSC 22000
Tetrasodium Pyrophosphate (TSPP) (INS No. 450(iii))	Emulsifier Thickener Buffering agent	Marshmallows, pudding, crab meat, an imitation crab, canned tuna and soy-based meat alternatives and cat foods and cat treats where it is used as a palatability enhancer.	Halal, Kosher ISO 22000 : 2005
NON-PHOSPHATES			
NP-2	Non-Phosphates	Frozen Shrimp Processing	GMP/HACCP Halal
NF-1	Non-Phosphates	Frozen Seafood	GMP/HACCP Halal
Spring-1	Non-Phosphates	Frozen Seafood	GMP/HACCP Halal

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NON-PHOSPHATES			
NP	Non-Phosphates	Frozen Seafood	GMP/HACCP Halal
Turbo-1	Non-Phosphates	Frozen Seafood	GMP/HACCP Halal
MIXED-PHOSPHATES			
Polyphos-S	Mixed-Phosphate	Frozen Seafood, Egg noodle, Rice noodle.	GMP/HACCP Halal
QT-Phos	Mixed-Phosphate	Frozen Seafood	GMP/HACCP Halal
MA-1	Mixed-Phosphate	Frozen Seafood, Meat balls, Processed meat.	GMP/HACCP Halal
Turbo-2	Mixed-Phosphate	Frozen Seafood	GMP/HACCP Halal
Springphos-P	Mixed-Phosphate	Meat balls, Processed meat.	GMP/HACCP Halal
Polyphos-T	Mixed-Phosphate	Meat balls, Processed meat.	GMP/HACCP Halal
FD001	Mixed-Phosphate	Frozen Seafood	GMP/HACCP Halal
MP-2	Mixed-Phosphate	Frozen Seafood	GMP/HACCP Halal
MP-2(New)	Mixed-Phosphate	Frozen Seafood	GMP/HACCP Halal

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MIXED-PHOSPHATES			
Springphos-KA	Mixed-Phosphate	Fish balls, Surimi.	GMP/HACCP Halal
Springphos-E	Mixed-Phosphate	Egg tofu.	GMP/HACCP Halal
Springphos-4	Mixed-Phosphate	Egg noodle, Rice noodle.	GMP/HACCP Halal

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