

### EQUIPMENT

10050 Agglomerators  
 Aging and Curing Equipment  
 10070A–Chillers  
 10070B–Smoke Cabinets  
 Agitation Systems:  
 10100A–Curd  
 10100B–Milk  
 10100C–Silo  
 10100D–Tank  
 Analyzers/Tests, Plant Operations (also see R&D/QC):  
 10150A–BOD  
 10150B–Carbonation  
 10150C–Chlorine  
 10150D–Chromatographs  
 10150E–Dissolved Oxygen  
 10150F–Fat  
 10150G–Infrared  
 10150H–Oxygen  
 10150I–Protein  
 10150J–Total Solids  
 10150K–Waste Water  
 10200 Aseptic Processing Equipment  
*Automation (see Batch Control Systems; Distributed Control Systems; Expert Systems; Instruments/Sensors; Transmitters)*  
 10300 Batch Control Systems  
*Blenders (see Cheese Equipment)*  
*Block Formers (see Cheese Equipment)*  
 10450 Brining Systems  
 10500 Butter Processing Equipment (also see Processing Systems)  
*Carts (see Distribution)*  
 Centrifuges:  
 10650A–Clarifier  
 10650B–Decanter  
 10650C–Milk Separation  
 10650D–Whey Separation  
 10660 Cheese Crumblers  
 10670 Cheese Dicers  
 Cheese Equipment:  
 10700A–Agitators  
 10700B–Bandages  
 10700C–Blenders  
 10700D–Block Formers  
 10700E–Continuous Cookers  
 10700F–Cookers  
 10700G–Cutters  
 10700H–Drainers  
 10700I–Dryers  
 10700J–Fines Savers  
 10700K–Forks  
 10700L–Grinders  
 10700M–Hoop Washers  
 10700N–Hoops  
 10700P–Knives  
 10700Q–Molds  
 10700R–Presses, Automatic  
 10700S–Presses, Manual  
 10700T–Tanks, Starter  
 10700U–Vacuum Chambers  
 10700Y–Washers & Chillers  
 10725 Cheese Shredders and Graters  
 10750 Chillers  
*Clarifiers (see Separators)*  
 Clean Rooms & Equipment:  
 10850A–Ceilings  
 10850B–Flooring  
 10850C–Ventilation  
 10850D–Walls  
 10850E–Other  
*Clean-In-Place Controls (See Control Instr.)*  
 Revised 12-7-09

*Computer Controls (see Batch Control Systems; Distributed Control Systems; Expert Systems; Instruments/Sensors; Transmitters)*  
 11000 Controls, Energy Management  
*Creamer Equipment (see Portion Packaging, Fillers in Packaging Equipment)*  
 11100 Custom Fabrication  
 11150 Cutting Equipment  
 11200 Deaerators  
 11250 Defoamers  
*Dialysis (see Membrane Systems)*  
 Dispensers:  
 11350A–Cone  
 11350B–Cup  
 11350C–Ingredient  
 11350D–Lubricant  
 11350E–Milk  
 11400 Distributed Control Systems  
 11450 Drum Dumpers  
 Dryers:  
 11500A–Drum  
 11500C–Fluid Bed  
 11500D–Roller  
 11500E–Spray  
 11500F–Tunnel  
*Enrobbers (see Novelty Equipment)*  
 Evaporators:  
 11600A–Evaporators, General  
 11600B–Falling Film  
 11600C–Mechanical Vapor Recompression  
 11600D–Plate  
 11600E–Thermal Vapor Recompression  
 11600F–Tubular  
 11600G–Vacuum  
 11600H–Vacuum Pans  
 11650 Expert Systems  
 11700 Fill Height Detectors  
 11750 Filler Monitoring Systems  
 Filters:  
 11800A–Air  
 11800B–Ceramic  
 11800C–Gravity  
 11800D–Magnetic  
 11800E–Milk  
 11800F–Steam  
 11850 Filtration Equipment  
*Fittings (see Piping, Fittings & Tubing)*  
 11950 Flow Diversion Stations  
 Freezers/Hardeners:  
 12000A–Batch  
 12000B–Continuous  
 12000C–Fast Freeze  
 12000D–Hardening Tunnels  
 12000E–Ice Cream, Hard  
 12000F–Ice Cream, Soft  
 12000G–Novelty  
 12000H–Plate  
 12000J–Slush  
*Hardeners, Ice Cream (see Freezers)*  
 Heat Exchangers:  
 12100A–Plate  
 12100B–Scraped Surface  
 12100C–Pasteurizers  
 12100D–Tubular  
 12150 Heat Recovery Systems  
 12200 Homogenizers  
*Humidity Controls, Recorders (see Controls/Instruments)*  
*Ice Builders (see Ice Making Equipment)*  
 Ice Cream Equipment:  
 12350A–Molds  
 12350C–Soft Serve Freezers  
 12350D–Variegating Equipment

*Ice Cream Novelty Equipment (see Novelty Equipment)*  
 Ice Equipment:  
 12450A–Ice Builders  
 12450B–Ice Crushers  
 12450C–Ice Making  
 12500 Ingredient Feeders  
*Instantizers (see Agglomerators)*  
 Instruments/Sensors:  
 12600A–Conductivity  
 12600B–Density  
 12600C–Flow  
 12600D–Humidity  
 12600E–Level  
 12600F–Moisture  
 12600G–pH  
 12600H–Pressure/Vacuum  
 12600I–Refractive Index  
 12600J–Temperature  
 12600K–Viscosity  
*Laboratory Equipment (see R&D/Quality Control)*  
 12750 Ladders, Vat  
 12800 Lid Remover  
 12950 Margarine Processing Equipment (also see Processing Systems)  
 Membrane Systems:  
 13000A–Ceramic  
 13000B–Dialysis  
 13000C–Microfiltration  
 13000D–Nanofiltration  
 13000E–Reverse Osmosis  
 13000F–Ultrafiltration  
 Meters:  
 13050A–Flow  
 13050B–Milk  
 13050C–Solids  
*Microfiltration (see Membrane Systems)*  
 Mixers:  
 13150A–Batch  
 13150B–Continuous  
 13150C–Cutter  
 13150D–Laboratory  
 13150E–Planetary  
 13150F–Ribbon  
 13150G–Tumbling  
*Mixing Tanks (see Tanks)*  
*Molds (see Cheese, Ice Cream, Novelty Equipment)*  
 13260 Mortar/Grouting  
*Nanofiltration (see Membrane Systems)*  
 Novelty Equipment (also see Novelty Equipment by Product Type):  
 13350A–Baggers  
 13350B–Baskets  
 13350C–Collaters  
 13350D–Enrobbers  
 13350E–Formers  
 13350F–Molds  
 13350G–Stick Inserters, Holders, Stackers, Dispensers  
 Novelty Equipment by Product Type:  
 13400A–Bar  
 13400B–Cake Roll  
 13400C–Cone  
 13400D–Cup  
 13400E–Ice Cream  
 13400F–Push-Up  
 13400G–Sandwich  
 13400H–Stick  
*Overwrappers (see Wrapping Equipment)*  
 13500 Oxygen Measurement Systems  
*Pasteurizers (see Heat Exchangers)*  
 13600 Pilot Plants  
 Piping, Fittings & Tubing:

13650A–Non-Sanitary  
13650B–Sanitary  
13750 Portion Control Systems  
13800 Process Control  
13820 Process Software  
13850 Processing & Packaging, Custom Processing Aid:  
13880A–Antimicrobial  
13880B–Bleaching Agent  
13880C–Oxidizing Agent  
Processing Systems:  
13900A–Aseptic  
13900B–Butter  
13900C–Cottage Cheese  
13900D–Cottage Cheese, Continuous  
13900E–Dry Milk  
13900F–Extended Shelf Life/ESL  
13900G–Fluid Milk  
13900H–Ice Cream  
13900I–Ice Cream Mix  
13900J–Juice & Drink  
13900K–Margarine  
13900L–Milk, Condensed  
13900M–Milk, Evaporated  
13900N–Process Cheese  
13900O–Soft Cheese, Automatic  
13900P–Whey  
13900Q–Yogurt  
13930 Product Recovery and Piggling Systems  
13950 Programmable Logic Controllers  
Pumps:  
14000A–Acid  
14000B–Aeration  
14000C–Air-Operated  
14000D–Boiler Feed  
14000E–Butter  
14000F–Centrifugal  
14000G–CIP-COP  
14000H–Condensate  
14000I–Diaphragm  
14000J–High Pressure  
14000K–Metering  
14000L–Oil  
14000M–Portable  
14000N–Positive Rotary  
14000O–Sinusoidal Rotor  
14000P–Sludge  
14000Q–Stainless Steel  
14000R–Tanker  
14000S–Vacuum  
14000T–Viscous  
14000U–Water  
14050 Quality Control Instrumentation  
*Rebuilt Equipment (see Used Equipment)*  
14160 Replacement Parts  
*Reverse Osmosis (see Membrane Systems)*  
14180 Safety  
Samplers:  
14200A–Composite (In-Line) Automatic Milk  
14200B–Waste Water  
Scales:  
14250A–Automatic Batching  
14250B–Bag Weighing  
14250C–Check Weighers  
14250D–Counter  
14250E–Lab  
14250F–Load Cells  
14250G–Overrun  
14250H–Portion Control  
14250I–Receiving  
14250J–Shipping  
14280 Screening & Sifting Equipment  
Separators (see also Centrifuges)  
14300A–All Metals  
14300B–Magnetic  
*Shrinkwrappers/Stretch Wrappers (see Wrapping Equipment)*  
14400 Silos  
14450 Slicers  
Revised 12-7-09

14500 Standardization Systems  
14550 Strainers  
Tanks:  
14600A–Aging/Ripening  
14600B–Balance  
14600C–Brine  
14600D–Chocolate  
14600E–Dry Storage  
14600F–Fermentation  
14600G–Flavor  
14600H–Mixing  
14600I–Resin  
14600J–Starter  
14600K–Surge  
14600L–Vats  
14600M–Weighing  
14600N–Whey  
14620 Tiles  
Transmitters:  
14650A–Conductivity  
14650B–Density  
14650C–Flow  
14650D–Humidity  
14650E–Level  
14650F–Moisture  
14650G–pH  
14650H–Pressure/Vacuum  
14650I–Refractive Index  
14650J–Smart  
14650K–Temperature  
14650L–Viscosity  
14700 Trucks, Hand  
*Tubing (see Piping, Fittings & Tubing)*  
*Ultrafiltration (see Membrane Systems)*  
14850 Used & Rebuilt Equipment  
14900 Vacuum Pans (also see Evaporators)  
Valves:  
14950C–Check  
14950D–Control  
14950F–Diaphragm  
14950G–Expansion  
14950H–Float  
14950I–Gate  
14950J–Homogenizer  
14950K–Hose  
14950M–Mixing  
14950N–Mixproof  
14950O–Pneumatic  
14950P–Regulating  
14950Q–Relief  
14950R–Sampling  
14950S–Sanitary  
14950T–Solenoid  
14950U–Plug  
*Variegators (see Ice Cream Equipment)*  
Vibrators:  
15100A–Chute  
15100B–Electric  
15100C–Hopper  
15100D–Pneumatic  
Washers:  
15150A–Bottle  
15150B–Cart/Dolly  
15150C–Cases  
15150F–Pallet  
15150G–Pipes & Fittings  
Water Treatment Systems:  
15200A–Aerator  
15200B–Boiler  
15200C–Cooling Tower  
15200D–Electronic  
15200E–Ozone  
15200F–Potable  
15200G–Softeners  
15200H–Sterilizers

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## PACKAGING EQUIPMENT AND MATERIALS

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*Accumulators & Bundlers (see Material Handling Equipment)*  
20100 Adhesives  
Aseptic Packaging Equipment:  
20150A–Creamers  
20150B–Cup & Tub  
20150C–Form-Fill-Seal  
20150D–Milk  
20150E–Pouch  
20150F–Other  
*Bag & Pouch Sealers (see Sealers)*  
20250 Bag Weighing  
Bag-in-Box Equipment:  
20300A–Aseptic  
20300B–Automatic-Web Fed  
20300C–Semi-Automatic  
20350 Baggers (also see Novelty Equipment)  
Bags:  
20400A–Aseptic  
20400B–Bulk  
20400C–Cold-Seal  
20400D–Hot-Seal  
20400E–Insulated  
20400F–Kraft  
20400G–Laminated  
20400H–Multiwall  
20400I–Novelty  
20400J–Polyethylene  
20400K–Sampling  
20400L–Shrinkable  
20400M–Twist Tie  
20450 Banders (also see Tamper-Evident Packaging)  
20500 Blowmolders  
20530 Boiler Packaged Units  
20550 Bottle Carriers  
20600 Bottle Sorters  
20650 Bottle Unloaders  
20700 Bottle Washing Machinery  
Bottles:  
20750A–Glass  
20750B–Plastic Returnable  
20750C–Plastic Single Service  
Boxes:  
20800A–Corrugated  
20800B–Novelty  
20800C–Pouch  
*Bundlers (see Material Handling Equipment)*  
20900 Butter Packaging Machines  
20950 Cans, Stainless Steel  
21000 Cap Feed Systems  
Cappers:  
21050A–Bottle, Foil Laminate  
21050B–Bottle, Glass  
21050C–Bottle, Plastic  
21050D–Cup Plastic  
21050E–Cup, Foil Laminate  
21050F–Cup, Paper  
Caps, Closures, Lids:  
21100A–Aluminum Tab  
21100B–Bottle, Glass  
21100C–Bottle, Plastic  
21100D–Foil Laminate  
21100E–Heat Seal Laminate  
21100F–Paper  
21100G–Plastic Tub  
21100H–Screw  
21100I–Spout Caps & Equipment  
21150 Cart Loader  
Carton Formers:  
21200A–Butter  
21200B–Cheese  
21200C–Fluid Milk  
21200D–Ice Cream  
21200E–Novelties  
21250 Carton Loaders  
*Cartons (see Containers)*  
21350 Case Packers  
21400 Case/Stacker Combination

Casers, Milk Container:  
 21450A–Bottle  
 21450B–Paper  
 21450C–Plastic  
 21450D–Pouch  
 Cases:  
 21500A–Corrugated  
 21500B–Metal  
 21500C–Plastic  
 21500D–Plastic, Carrying  
 21500E–Wire  
 Casing Equipment:  
 21550A–Box Formers  
 21550B–Box Formers/Sealers  
 21550C–Box Sealers  
 21550D–Casers, Carton  
 21550E–Inverters  
 21600 Chubb Packaging Equipment  
 21650 Coders & Daters (also see Printers/Imprinters)  
 Colorations, Plastic:  
 21680A–Color Concentrates  
 Containers:  
 21700A–Aseptic  
 21700B–Bag-In-Box  
 21700C–Butter  
 21700D–Cheese  
 21700E–Cottage Cheese  
 21700F–Cream Cheese  
 21700G–Dips  
 21700H–Ice Cream, Rectangular  
 21700I–Ice Cream, Round  
 21700J–Ice Cream, Unit  
 21700K–Insulated  
 21700L–Milk, Bulk  
 21700M–Milk, Unit  
 21700N–Novelties  
 21700O–Paper  
 21700P–Plastic  
 21700Q–Sample  
 21700R–Sour Cream  
 21700S–Yogurt  
 Containers, Intermediate Bulk:  
 21720A–Aseptic  
 21720B–Bag-In-Box  
 21720C–Dry  
 21720D–Liquid  
 21720E–Reclosable  
 21720F–Reusable  
 21720G–Rigid  
 Conveyers/Accessories:  
 21750A–Air  
 21750B–Belt  
 21750C–Chain  
 21750D–Corners  
 21750F–Plastic Plate  
 21750G–Roller  
 21750H–Screw  
 21750I–Siderails  
 21750J–Tabletop  
 21800 Counters  
 Creamers:  
 21850A–Paper  
 21850B–Plastic  
 Cups:  
 21900A–Injection Molded  
 21900B–Paper  
 21900C–Plastic  
 21900D–Thermo Formed  
 21950 Debaggers, Plastic Container Bundle  
 22000 Decappers  
 22050 Decorators & Printers (also see Coders)  
 22070 Depalletizers  
 Drums:  
 22100A–Fiber  
 22100B–Plastic  
 22100C–Stainless Steel  
 Fillers:  
 22150A–Aseptic

22150B–Bag  
 22150C–Bottle  
 22150D–Carton  
 22150E–Cheese  
 22150F–Creamers  
 22150G–Extended Shelf Life  
 22150H–Ice Cream, Bulk  
 22150I–Ice Cream, Rectangular  
 22150J–Ice Cream, Round  
 22150K–Novelty  
 22150L–Portion Packaging  
 22150M–Pouch  
 22150N–Tub or Cup  
 Film:  
 22200A–Biaxially Oriented Nylon  
 22200B–Cellulose  
 22200C–Co-Extrusion  
 22200D–Glassine  
 22200E–Laminated  
 22200F–Metalized  
 22200G–Polyethylene  
 22200H–Polypropylene  
 22200I–Polystyrene  
 22200J–Shrink  
 22200K–Stretchwrap  
 22220 Flexible Packaging  
 22250 Flow-Through Pallet Systems  
 Foil:  
 22300A–Laminated  
 22300B–Printed  
 22350 Form/Fill/Seal Equipment  
*Ice Cream Fillers (see Fillers)*  
 22500 Injection Molders, Plastic Bottle Caps  
 22550 Inks  
 Inspection Equipment:  
 22600A–Full Case  
 22600B–Leak Detection  
 22600C–Metal Detection  
 22600D–Milkstone  
 22600E–Optical/Visual  
 22600F–Seals  
 Labelers:  
 22650A–Hot Melt  
 22650B–Self Adhesive  
 22650C–Shrink  
 22650D–Stretch  
 22650E–Weigh/Price  
 22700 Labeling, Nutritional  
 Labels:  
 22750A–Heat Seal  
 22750B–Pressure Sensitive  
 22750C–Roll Feed  
 22750D–Shrink  
 22750E–Stretch  
 22750F–Wraparound  
*Leak Detectors (see Inspection Equipment)*  
 22850 Ladders  
 Liners:  
 22900A–Barrel  
 22900B–Box  
 22900C–Can  
 22900D–Carton  
*Marking Equipment (see Coders)*  
 Material Handling Equipment (also see Casing Equipment & Conveyors):  
 23000A–Accumulators & Bundlers  
 23000B–Collators  
 23000D–Material Handling Systems  
 23000F–Stacker Cranes  
 23000H–Storeroom Equipment  
*Metal Detection Equipment (see Inspection Equipment)*  
*Overwrappers (see Wrapping Equipment)*  
 23200 Overwraps  
 23250 Oxygen Headspace Analyzers  
 23300 Package Design  
 Packaging Materials:  
 23400A–Bottles  
 23400B–Cartons

23400C–Extended Shelf Life/ESL  
 23400D–Pouch  
 23450 Pallet Inverter  
 23500 Palletizers  
 23550 Pallets  
*Paper Wrapping Equipment (see Wrapping Equipment)*  
 Portion Packaging Equipment:  
 23650A–Butter Chip  
 23650B–Butter Pat  
 23650C–Cheese  
 23650D–Cream  
 23650E–Creamer  
 23650F–Fillers  
 23650G–Form-Fill-Seal  
 23650H–Ice Cream  
 23650I–Juice & Drink  
 23650J–Sour Cream  
 23650K–Yogurt  
 23700 Pouch Packagers  
 23730 Powder Conveying Equipment  
 23750 Powder Packaging Machines  
 23800 Printers & Wrapping, Butter  
 Printers/Imprinters:  
 23850A–Bottle, Plastic  
 23850B–Carton  
 23850C–Hot Stamping  
 23850D–Ink Jet  
 23850E–Label  
 23850F–Tub, Plastic  
 Replacement Parts:  
 23900A–Blowmolders  
 23900B–Fillers  
 Resins:  
 23950A–Cap  
 23950B–Drum  
 23950C–Film  
 23950D–Plastic Bottles  
 23950E–Polyethylene  
 23950F–Polypropylene  
 24000 Screen Printing  
 Sealers, Carton Closers:  
 24050A–Automatic  
 24050B–Bag & Pouch  
 24050C–Glue  
 24050D–Heat  
 24050E–Hot-Melt  
 24050F–Induction  
 24050G–Tape  
 24050H–Ultrasonic  
*Shrinkwrappers/Stretch Wrappers (See Wrapping Equip.)*  
 24075 Sticks, Novelty  
 24150 Tabs, Reclosable Tape  
 Tamper-Evident Packaging:  
 24200A–Bands  
 24200B–Bottles  
 24200C–Caps  
 24200D–Cartons  
 24200E–Cups & Tubs  
 24200F–Foil  
 24200G–Ice Cream, Rectangular  
 24200H–Induction Seals  
 24200I–Lids  
 24200J–Overwraps  
 24200K–Sleeves  
 24250 Tamper-Evident Packaging Equipment  
 24300 Tray Formers/Loaders  
 24350 Trays, Multipack  
 24400 Vacuum Packaging Equipment  
 24420 Wooden Stick Products  
 24450 Wrappers, Paper  
 Wrapping Equipment:  
 24500A–Bundler  
 24500B–Film  
 24500C–Individual Package  
 24500D–Overwrap  
 24500E–Pallet  
 24500F–Paper

24500G–Shrink  
24500H–Strapping  
24500I–Stretch  
24500J–Tunnels  
24500K–Units  
Wrapping Equipment by Product:  
24550A–Butter  
24550B–Cheese  
24550C–Ice Cream  
24550D–Novelty

## INGREDIENTS

30050 Acids, Food  
*Almonds (see Nutmeats)*  
30150 Anti-Caking Agent  
30200 Antifoaming Agents  
Antioxidant:  
30250A–Natural  
30250B–Synthetic  
*Ascorbic Acid (see Acids, Food)*  
30350 Bacteriocins  
Bakery Products for Ice Cream:  
30400A–Cones  
30400B–Cookie Dough  
30400C–Cookies  
30400D–Crunch Ingredients  
30400E–Wafers, Sandwich  
Bases, Cultured Products:  
30450A–Cottage Cheese  
30450B–Dip  
30450C–Sour Cream  
30450D–Yogurt  
Bases, Dairy Beverages:  
30500A–Chocolate Milk  
30500B–Egg Nog  
30500C–Fruit  
30500D–Milk Shake  
30500E–Tofu  
30500F–Yogurt  
30550 Bases, Filler Dairy Products  
Bases, Frozen Dessert:  
30600A–Gelato  
30600B–Ice Cream  
30600C–Ice Milk  
30600D–Sherbet  
30600E–Soft-Serve  
30600F–Tofu  
30600G–Yogurt  
30650 Bases, Non-Dairy  
Bases, Still Beverages:  
30700A–Chocolate Drink  
30700B–Fruit Drink  
*Black Walnut (see Nutmeats)*  
Bleaching Compounds:  
30800A–Cheese  
30800B–Whey  
Buttermilk:  
30850A–Flakes, Grade A  
30850B–Process Additives  
Calcium Fortification:  
30900A–Calcium Phosphate  
30900B–Calcium Citrate  
30900C–Calcium Lactate Gluconate  
30930 Carbon Dioxide  
30950 Carob  
*Cashews (see Nutmeats)*  
Cheese:  
31100A–Artificial  
31100B–Natural  
Chocolate:  
31150A–Chips (Dry, Liquid)  
31150B–Coating  
31150C–Dry Blends  
31150D–Fudge Powder  
31150E–Liquor  
31150F–Syrup  
31150G–Variegating Syrup  
*Citric Acid (see Acids, Food)*  
31250 Coagulants

Coatings:  
31300A–Butterscotch  
31300B–Cheese Wax  
31300C–Chocolate  
31300D–Cocoa  
31300E–Crunch  
31300F–Sugar  
Cocoa:  
31350A–Extenders  
31350B–Low-Fat  
31350C–Replacers  
31400 Coconut  
Colors:  
31450A–Certified  
31450B–Natural  
*Concentrates (see Juice Concentrates)*  
*Cones, Ice Cream (see Bakery Products)*  
31600 Corn Starches  
*Corn Sweeteners (see Sweeteners)*  
31700 Culture Media  
Cultures:  
31750A–Bifidobacterium  
31750B–Buttermilk  
31750C–Cheese  
31750D–Cottage Cheese  
31750E–Fungi & Yeasts  
31750F–L. Acidophilus  
31750G–Sour Cream  
31750H–Viruses  
31750I–Yogurt  
31750J–Others  
Dairy Powders:  
31800A–Blends  
31800B–Butter  
31800C–Buttermilk  
31800D–Cheese  
31800E–Cream  
31800F–Custom Blending  
31800G–Milk, Whole  
31800H–Non-Dairy  
31800I–Nonfat Milk  
31800J–Sour Cream  
31800K–Soy Milk  
31800L–Tofu  
31800M–Yogurt  
31850 Dates  
31900 Decorating Creams  
Dietetic Products:  
31950A–Fat Replacers  
31950B–Fillers  
31950C–Sweeteners  
32000 Direct Acidification  
Eggs:  
32050A–Dry  
32050B–Fresh  
32050C–Frozen  
32050D–Replacer/Extender  
Emulsifiers:  
32100A–Lecithin  
32100B–Monoglycerides & Diglycerides  
32100C–Phosphates  
32100D–Soluble Rice Bran  
Enzymes:  
32150A–Catalase  
32150B–Coagulants Animal  
32150C–Coagulants Microbial  
32150D–Lactase  
32150E–Lipase  
32150F–Protease  
Essence:  
32200A–Apple  
32200B–Banana  
32200C–Citrus  
Extracts:  
32230A–Liquid Coffee  
32230B–Liquid Tea  
32250 Fat Mimetics  
Fats:

32300A–Butter  
32300B–Butter Oil  
32300C–Cocoa Butter  
32300D–Coconut  
32300E–Combinations  
32300F–Corn  
32300G–Cotton Seed  
32300H–Omega-3 Fatty Acids  
32300I–Palm Kernel  
32300J–Soy  
32300K–Rice Bran  
32350 Fiber  
Flavored Drinks:  
32400A–Chocolate  
32400B–Fruit  
32400C–Iced Tea  
32400D–Non-Dairy  
32400E–Orange  
32400F–Other Citrus  
Flavors, by End Use:  
32450A–Cheese, Chives  
32450B–Cheese, Jalapeno  
32450C–Coffee  
32450D–Cottage Cheese  
32450E–Dip  
32450F–Drink  
32450G–Enhancers  
32450H–Essential Oils  
32450I–Fruit Drink-UHT  
32450J–Gelato  
32450K–Ice Cream  
32450L–Imitation  
32450M–Milk  
32450N–Milk-UHT  
32450O–Natural  
32450P–Novelty  
32450Q–Smoked  
32450S–Tapioca  
32450T–WHT Products  
32450U–With Other Natural Flavors  
32450V–Yogurt  
Flavors, by Type:  
32500A–Candy  
32500B–Cheese  
32500C–Chive  
32500D–Coconut  
32500E–Coffee  
32500F–Crunch  
32500G–Dairy  
32500H–Dried  
32500I–Egg Nog  
32500J–Enhancers  
32500K–Essential Oils  
32500L–Extracts  
32500M–Fruit  
32500N–Fudge Powders  
32500O–Garden Salad  
32500P–Honey  
32500Q–Imitation  
32500R–Jalapeno  
32500S–Marshmallow  
32500T–Natural  
32500U–Parsley  
32500V–Peanut Butter  
32500W–Peppercorn  
32500X–Smoked  
32500Y–Starter Distillate  
32500Z–Tapioca  
32500AA–Variegating  
32500BB–W.O.N.F  
32550 Frozen Dessert, Dietary  
Fruit, by Type:  
32600A–Aseptic  
32600B–Dehydrated  
32600C–Frozen  
32600D–Organic  
32600E–Puree  
32600F–Syrup  
Fruit, by Use:

32650A–Cottage Cheese  
 32650B–Frozen Dessert  
 32650C–Yogurt  
*Fudge Powders (see Chocolate)*  
 32750 Gelatin  
 Gums:  
 32800A–Acacia  
 32800B–Agar  
 32800C–Alginates  
 32800D–Arabic  
 32800E–Carrageenan  
 32800F–Cellulose Base  
 32800G–Furcelleran  
 32800H–Gellan  
 32800I–Ghatti  
 32800J–Guar  
 32800K–Hydroxypropyl Methylcellulose  
 32800L–Karaya  
 32800M–Locust Bean  
 32800N–Methylcellulose  
 32800O–Microcrystalline Cellulose  
 32800P–Tragacanth  
 32800Q–Xanthan  
*Hazelnuts (see Nutmeats)*  
 32850 Inclusions  
 32900 Juice Concentrates  
 32950 Juice, Orange & Other Citrus  
*Macadamia Nuts (see Nutmeats)*  
 Malt:  
 33050A–Powder  
 33050B–Syrup  
 33100 Maltodextrins  
 Milk, Condensed:  
 33150A–Skim  
 33150B–Sweetened  
 33170 Milk Enhancers  
 Minerals:  
 33180A–Blends  
 33180B–Calcium  
 33180C–Calcium Phosphate  
 33180D–Iron  
 33180E–Potassium  
 33180F–Other  
 33200 Mix-Ins  
 33250 Mold Inhibitors  
 33300 Non-Fat Dry Milk  
 Nutmeats:  
 33350A–Almond  
 33350B–Black Walnut  
 33350C–Cashew  
 33350D–Hazelnuts  
 33350E–Macadamia  
 33350F–Peanut  
 33350G–Pecan  
 33350H–Pistachio  
 33350I–Walnut  
 33350J–Others  
*Nutritive Sweeteners (see Sweeteners)*  
 33470 Oligosaccharides  
 33500 Orange & Other Citrus Drink  
   Concentrates  
 33550 Peanut Butter  
*Peanuts (see Nutmeats)*  
*Pecans (see Nutmeats)*  
*Pistachio Nuts (see Nutmeats)*  
 Preservatives (also see Mold Inhibitors):  
 33750A–Calcium Sorbate  
 33750B–Natural  
 33750C–Potassium Sorbate  
 33750D–Sodium Benzoate  
 33750E–Sorbic Acid  
 Proteins, Milk:  
 33800A–Blends  
 33800B–Caseinates  
 33800C–Enzyme Modified  
 33800D–Lactalbumin  
 33800E–Value-Added/Functional  
 33800F–Whey  
 33800G–Whey Protein Concentrate

33800H–Whey Protein Isolates  
 Proteins, Vegetable:  
 33820A–Concentrates  
 33820B–Isolates  
 33850 Raisins  
 33900 Rennet  
 Salt:  
 33950A–Additive-Free  
 33950B–Encapsulated  
 33950C–Flake  
 33950D–Low Sodium  
 33950E–Micro-Sized  
 33950F–With Nutrients  
*Sandwich Wafers (see Bakery Products)*  
 34050 Spices & Seasonings  
 Stabilizers, By End Use:  
 34100A–Buttermilk  
 34100B–Chocolate Drink  
 34100C–Chocolate Milk  
 34100D–Cottage Cheese  
 34100E–Fat  
 34100F–Frozen Desserts  
 34100G–Frozen Sour Cream  
 34100H–Fruit Drinks  
 34100I–Ice Cream  
 34100J–Ice Milk  
 34100K–Sherbet  
 34100L–Sour Cream  
 34100M–Yogurt  
 Starch:  
 34130A–Modified  
 34130B–Unmodified  
 34150 Starter/Activator  
 34175 Sugar Alcohols  
 Sweeteners:  
 34200A–Acesulfame K  
 34200B–Aspartame  
 34200C–Corn Syrup Solids  
 34200D–Crystalline Fructose  
 34200E–Dextrose  
 34200F–Fructose  
 34200G–Glucose  
 34200H–High Fructose Corn Syrup  
 34200I–Honey  
 34200J–Invert Sugar  
 34200K–Lactose  
 34200L–Molasses  
 34200M–Natural Fruit  
 34200N–Pectin  
 34200O–Polyols  
 34200P–Polyols, Erythritol  
 34200Q–Saccharin  
 34200R–Stevia  
 34200S–Sucrose, Dry  
 34200T–Sucrose, Liquid  
 34200U–Sweeteners, Sucralose  
 34200V–Xylose  
 34250 Syrups, Variegating  
 34300 Tea Mix  
 Vanilla:  
 34350A–Artificial  
 34350B–Extenders/Enhancers  
 34350C–Extract  
 34350D–Natural  
 34350E–Powdered  
 34400 Vegetables  
 Vitamins:  
 34450A–B Vitamins  
 34450B–Blends  
 34450C–Carotenes  
 34450D–Folic Acid Niacin  
 34450E–Vitamin A  
 34450F–Vitamin C (Ascorbic Acid)  
 34450G–Vitamin D  
 34450H–Vitamin E (Tocopherol)  
 34450I–Vitamin K  


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*Walnuts (see Nutmeats)*  
 34600 Whipping Agents

**DISTRIBUTION**

*Buildings, Storage (see Hardening Rooms, Cold Rooms)*  
 Carts:  
 40200A–Basket  
 40200B–Collapsible  
 40200C–Dolly  
 40200D–Ice Cream Hardening  
 40200E–Milk Case  
 40200F–Refrigerated Ice Cream  
 40200G–Table  
 40250 Cold Rooms (also see Hardening Rooms)  
 40300 Dock Equipment  
 40350 Dollies  
 40400 Hardening Rooms  
*High-Rise Storage (see Warehousing Systems)*  
*Inventory Control Systems (see Warehousing Systems)*  
*Leasing, Truck (see Truck Leasing)*  
*Order Pick Systems (see Warehousing Systems)*  
 40650 Racks, Sample  
 40700 Rail Car Services  
 40750 Refrigeration  
 40800 Route Accounting  
 40850 Shippers  
 Tankers:  
 40900A–Bulk Pick-Up  
 40900B–Over-the-Road  
 40950 Temperature Monitors & Recorders  
 41000 Tractors  
 Trailers (also see Truck Bodies):  
 41050A–Delivery  
 41050B–Refrigerated  
 Truck Bodies (also see Trailers):  
 41150A–Delivery  
 41150B–Refrigeration  
 41160 Truck Body Graphics  
 41200 Truck Cargo Restraints  
 Truck Chassis:  
 41250A–Over-The-Road  
 41250B–Straight  
 41300 Truck Engines  
 41350 Truck Leasing  
 41400 Truck Ramps  
 41450 Truck Refrigeration  
 41500 Truck Repair  
 41550 Truck Washers  
 41570 Trucking Companies  
 41600 Trucks, Fork & In-Plant  
 41650 Trucks, Insulated Bulk Heads  
 41700 Van, Mobile Vending  
 Vending Machine:  
 41720A–Frozen/Refrigerated  
 41720B–Ice Cream  
 41750 Warehouses, Refrigerated  
 Warehousing Systems:  
 41800A–Automated  
 41800B–High Rise  
 41800C–Inventory Control  
 41800D–Order Pick  
 41800E–Palletizing  
 41800F–Stacker Cranes

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**R&D/QUALITY CONTROL**

Independent Laboratory Services:  
 50050A–Environmental  
 50050B–Inorganic Chemistry  
 50050C–Microbiological Tests  
 50050D–Nutritional Labeling  
 50050E–Organic Chemistry  
 50050F–QA Systems  
 Laboratory Analytical Equipment, Chemical:  
 50100A–Antibiotics  
 50100B–ALP  
 50100C–BOD  
 50100D–Brix  
 50100E–Carbohydrate  
 50100F–Chemicals, Inorganic  
 50100G–Chromatography  
 50100H–Cryoscopes

50100I–Fat  
 50100J–Fatty Acids  
 50100K–Lactose  
 50100L–Milk Fat  
 50100M–Moisture  
 50100N–Nutritional  
 50100O–Osmometers  
 50100P–Oxygen  
 50100Q–pH  
 50100R–Protein  
 50100S–Refractometers  
 50100T–Salt  
 50100U–Sediment  
 50100V–Titratable  
 50100W–Total Solids  
 50100X–Vitamins  
 50100Y–Water and Wastewater  
 50100Z–Other  
 Laboratory Analytical Equipment, Microbiological:  
 50150A–BOD  
 50150B–Colony Counters  
 50150C–Incubators  
 50150D–Rapid Analysis  
 50150E–Salmonella  
 50150F–Somatic Cell Count  
 50150G–Other  
 50190 Laboratory Quality Control  
 Instrumentation  
 50200 Laboratory Services  
 50250 Laboratory Supplies  
 Laboratory Test Materials:  
 50300A–Antibiotic Residues  
 50300B–Chemical Analysis  
 50300C–Microbiological Kits  
 50300D–Microbiological Media  
 50300E–Microbiological, Other  
 50300F–Pesticides  
 50300G–Somatic Cell Count  
 50300H–Water and Wastewater  
 Microbiological Tests (see Independent  
 Laboratory Services)  
 50380 Software  
 Software, Laboratory:  
 50400A–Administrative  
 50400B–Databases  
 50400C–Formulations  
 50400D–Milk&ColostrumAnalysis  
 50400E–Nutritional Labeling  
 50400F–Sensory  
 50400G–Statistical Analysis/Design  
 50400H–Other

## SANITATION AND MAINTENANCE

*Air Compressor Oil & Lubricant (see Lubricants)*

60100 Air Conditioning Equipment

60120 Air Curtains

60150 Air Distribution Systems

*Air Line Lubricant (see Lubricants)*

Air Systems:

60250A–Dryers

60250B–Receivers

60250C–Sterile

60300 Ammonia, Anhydrous

Apparel:

60350A–Boots

60350B–Insulated

60350C–Personnel Protection

60350D–Rainwear

60350E–Route Uniforms

60350F–Sanitary

60350G–Uniforms

60350H–Work Gloves

60400 Bearings

60430 Boiler Maintenance

60450 Boilers/Accessories

60500 Brine Coolers/Tanks

60550 Brushes

60600 Chlorinators

Cleaners/Detergents:

60700A–Acid CIP

Revised 12-7-09

60700B–Acid Rinse CIP  
 60700C–Algicidal  
 60700D–Alkaline CIP  
 60700E–All Purpose  
 60700F–Bactericidal  
 60700G–Chlorinated  
 60700H–Chlorinated Alkaline CIP  
 60700I–Enzyme  
 60700J–Non-Abrasive  
 60700K–Non-Chlorinated  
 60700L–Rust & Scale Remover  
 60700M–Solvent

Cleaning Equipment:

60710A–C-I-P

60710B–Chemical Storage Tanks

60710C–Clean-Out-Of-Place Equipment

60710D–Foam Applicators

60710F–Pest Control Sprayers

60710G–Pressure

60710H–Rotating Spray Jet

60710I–Sprayers

60710J–Steam

60710K–Washing Tanks, Recirculating

*Clothing (see Apparel)*

Compressors:

60800A–Air

60800B–Refrigeration

60820 Computerized Maintenance Management  
 Software

60850 Condensers

60900 Corrosion Inhibitors

60920 Decking

60950 Defoamers

61000 Dehumidification Systems

Doors:

61050B–Cold Storage

61050C–Conveyor

61050D–Dock

61050E–Electric Operated

61050F–Freezer

61050G–Hydraulic Operated

61050H–Rollup

61050I–Strip

61050J–Traffic

61100 Fans

61150 Filter Bags, Discs, Socks

Filters:

61200A–Air

61200B–Products

61200C–Water

Flooring:

61250A–Brick

61250B–Drains

61250C–Epoxy Compounds

61250D–Fiberglass

61250E–Grates

61250F–Mortar

61250G–Safety

61250H–Tile

61300 Funnels

Gaskets & Seals:

61350A–Custom Molded

61350B–Door

61350C–Fiber

61350D–Homogenizer

61350E–Metal

61350F–Paper

61350G–Plastic

61350H–Rubber

61350I–Sanitary

61350J–Separator

61350K–Teflon

61400 Generators, Standby

61450 Hand Sanitation

61500 Hearing Protection Products

Heaters:

61550A–Barrel

61550B–Cable

61550C–Steam

61550E–Sanitary

61550F–Steam Injection

61550G–Unit

61600 Hoses, Nozzles, Accessories

61650 Insect Control Equipment

61700 Insecticides

61750 Instrument & Equipment Repair

Insulation:

61770A–Pipe

61770B–Tank

61770C–Wall

61800 Leveling Mounts, Stainless

61850 Lighting Fixtures

Lubricants:

61900A–Air Line

61900B–Compressor

61900C–Freezer

61900D–Industrial

61900E–Motor

61900F–Sanitary/Food Grade

61900G–Spray

Milkstone:

61930A–Detectors

61930B–Removers

*Mortar, Floor (see Flooring)*

62000 Motors & Controls

62020 Nitrogen, Liquid

62040 O-Rings

62050 Pads, Scouring

62100 Paints, Protective Coatings

62150 Pollution Abatement

62200 Pump Drive Systems

*Refrigeration Compressors (see Compressors)*

62270 Rubber Mats

*Rust Preventatives (see Paints, Protective  
 Coatings)*

Sanitary Instrument Housings:

62325A–Instrument-Color

62325B–Instrument-Sight Glass

62325C–Instrument-Turbidity

Sanitizers:

62350A–Chlorine

62350B–Chlorine Dioxide

62350C–Iodine

62350D–Quaternary Ammonium Compound

*Seals (see Gaskets & Seals)*

62450 Separators, Waste Screen

62470 Stainless Steel Repair

62480 Stainless Welding

Steam Generators:

62500A–Culinary

62500B–Plant

Sterilizers:

62550A–Container

62550B–Ozone

62550C–Steam

62550D–Ultraviolet

Surfaces, Sanitary:

62600A–Ceiling

62600B–Coatings

62600C–Equipment Coatings

62600D–Floor

62600E–Wall Panels

62650 Tables

*Tile (see Flooring)*

62750 Total Project Management

62800 Transformers

*Uniforms (see Apparel)*

62900 Valve Rebuilding

Waste Treatment Systems:

62950A–Aerobic

62950B–Anaerobic

62950C–Compounds

62950D–Sequencing

62950E–Waste Screen Separators

62950F–Waste Water

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**SERVICES AND SUPPLIES**

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## Appraisals:

- 70050A–Plant Equipment
- 70050B–Property

## Architects &amp; Engineers:

- 70100A–Architects
- 70100B–Engineers
- 70100C–Process/CIP Engineering

70150 Auctioneers

## Consultants:

- 70300A–Business
- 70300B–Cheesemaking
- 70300C–Computer
- 70300D–Creative Design
- 70300E–Distribution
- 70300F–Employment
- 70300G–Equity Valuation/Acquisition/Sale
- 70300H–Management
- 70300I–Marketing
- 70300J–Material Handling
- 70300K–Packaging
- 70300L–Process
- 70300M–Regulatory Services
- 70300N–Sanitation
- 70300O–Waste Water Treatment

## Container, Logistics Services:

- 70320A–Casual Hire
- 70320B–Contract Hire
- 70320C–Purchase
- 70320D–Term Hire

70350 Displays (Point of Sale)

70380 e-commerce

70400 Employment &amp; Recruiter Services

70450 Export Services

## Franchise &amp; Licensing Companies:

- 70500A–Cheese
- 70500B–Chocolate Milk
- 70500C–Cottage Cheese
- 70500D–Dietary Desserts
- 70500E–Dips
- 70500F–Frozen Desserts
- 70500G–Frozen Novelties
- 70500H–Ice Milk
- 70500I–Skim or Lowfat Milk
- 70500J–Sour Cream
- 70500K–Yogurt

70520 Ingredient Futures

70550 Insurance

70600 Leasing, Cooler/Freezer

70650 Marketing Novelties

## Milk Supply Chain Management Solutions:

- 70700A–Asset Management
- 70700B–Co-Op Equity Register
- 70700C–Milk Transport/Scheduling/Logistics
- 70700D–Milk Procurement
- 70700E–Producer Payroll
- 70700F–Producer Relationship Management
- 70700G–Producer Web Portal
- 70700H–System Administration

*Novelty Sticks (see Sticks)*

70900 Personnel

71100 Pest Control Services

71110 Recycling Services

71120 Systems Integrators

71250 Technical Services

71300 Wax