

### 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**  
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  
10750 Chillers  
*Clarifiers (see Separators)*  
Clean Rooms & Equipment:  
10850A-Ceilings  
10850B-Flooring  
10850C-Ventilation  
10850D-Walls  
10850E-Other  
*Clean-In-Place Controls (See Control Instruments)*  
*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-Variating 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 Pigging 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  
 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

## PACKAGING EQUIPMENT AND MATERIALS

*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 Caser/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

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## 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 Lactate**  
**30900C—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  
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  
32350 Fiber  
Flavored Drinks:  
32400A—Chocolate  
32400B—Fruit  
32400C—Iced Tea  
32400D—Non-Dairy  
32400E—Orange  
32400F—Other Citrus  
32450 Fiber  
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  
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—Saccharin  
34200P—Sucrose, Dry  
34200Q—Sucrose, Liquid  
34200R—Xylose  
**34200S—Polyols, Erythritol**  
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  
*Walnuts (see Nutmeats)*  
34600 Whipping Agents  

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**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**

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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—Nutritional Labeling  
50400E—Sensory

50400F—Statistical Analysis/Design  
50400G—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

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

## SERVICES AND SUPPLIES

Appraisals:

70050A—Plant Equipment

70050B—Property

Architects & 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 & Recruiter Services

70450 Export Services

Franchise & 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

*Novelty Sticks (see Sticks)*

70900 Personnel

71100 Pest Control Services

71120 Systems Integrators

71250 Technical Services

71300 Wax