

Status: Currently Official on 14-Feb-2025
Official Date: Official as of 01-Dec-2024
Document Type: NF Monographs
DocId: GUID-7DBFEDEB-80DF-44A0-BFB5-21A46A867947_15_en-US
DOI: https://doi.org/10.31003/USPNF_M99994_15_01
DOI Ref: hlwam

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Excipients

USP and NF Excipients, Listed by Functional Category

In the following reference table, the grouping of excipients by functional category is intended to summarize commonly identified purposes that these excipients serve in drug product formulations. The association of a functional category with a particular dosage form in this table is not absolute and does not limit the use of an excipient to a single type of dosage form or delivery system.

Acidifying or Alkalizing Agent

Acetic Acid
Acetic Acid, Glacial
Adipic Acid
Ammonia Solution, Strong
Ammonium Carbonate
Ammonium Chloride
Ascorbic Acid
Calcium Hydroxide
Citric Acid Monohydrate
Citric Acid, Anhydrous
Diethanolamine
Formic Acid
Fumaric Acid
Hydrochloric Acid
Hydrochloric Acid, Diluted
Alpha-Lactalbumin
Lactic Acid
Maleic Acid
Malic Acid
Monoethanolamine
Nitric Acid
Phosphoric Acid
Phosphoric Acid, Diluted
Potassium Bicarbonate
Potassium Citrate
Potassium Hydroxide
Propionic Acid
Racemethionine
Sodium Bicarbonate
Sodium Borate
Sodium Carbonate
Sodium Citrate
Sodium Hydroxide
Succinic Acid
Sulfuric Acid
Tartaric Acid

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Trolamine

Adhesive (Pressure Sensitive)

Dimethicone

Polyisobutylene

Air Displacement

Carbon Dioxide

Nitrogen

Alcohol Denaturant

Denatonium Benzoate

Ethyl Acetate

Methyl Isobutyl Ketone

Sucrose Octaacetate

Antifoaming or Defoaming Agent

Dimethicone

Lauric Acid

Myristic Acid

Palmitic Acid

Simethicone

Antimicrobial Preservative

Alcohol

Benzalkonium Chloride

Benzalkonium Chloride Solution

Benzethonium Chloride

Benzoic Acid

Benzyl Alcohol

Benzyl Benzoate

Butylated Hydroxyanisole

Boric Acid

Butylparaben

Butylene Glycol

Calcium Acetate

Calcium Chloride

Calcium Lactate

Calcium Propionate

Cetrimonium Bromide

Cetylpyridinium Chloride

Chlorobutanol

Chlorocresol

Chloroxylenol

Cresol

Dehydroacetic Acid

Edetic Acid

Erythorbic Acid

Ethylparaben

Ethylparaben Sodium

Glycerin

Imidurea

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Mandelic Acid
Methylparaben
Methylparaben Sodium
Monothioglycerol
Pentetic Acid
Phenol
Phenoxyethanol
Phenylethyl Alcohol
Phenylmercuric Acetate
Phenylmercuric Nitrate
Potassium Benzoate
Potassium Metabisulfite
Potassium Sorbate
Propionic Acid
Propyl Gallate
Propylene Glycol
Propylparaben
Propylparaben Sodium
Sodium Acetate
Sodium Benzoate
Sodium Borate
Sodium Dehydroacetate
Sodium Lactate Solution
Sodium Metabisulfite
Sodium Propionate
Sodium Sulfite
Sorbic Acid
Sulfur Dioxide
Thimerosal
Thymol
Zinc Oxide

Antioxidant

Ascorbic Acid
Ascorbyl Palmitate
Butylated Hydroxyanisole
Butylated Hydroxytoluene
Citric Acid Monohydrate
Erythorbic Acid
Fumaric Acid
Histidine
Hypophosphorous Acid
Lactobionic Acid
Malic Acid
Methionine
Monothioglycerol
Potassium Metabisulfite
Propionic Acid
Propyl Gallate
Racemethionine
Sodium Ascorbate
Sodium Bisulfite
Sodium Formaldehyde Sulfoxylate
Sodium Metabisulfite

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Sodium Sulfite
Sodium Thiosulfate
Stannous Chloride
Sulfur Dioxide
Thymol
Tocopherol
Tocopherols Excipient
Vitamin E
Vitamin E Polyethylene Glycol Succinate

Antitack Agent

Glyceryl Monostearate
Mono- and Di-glycerides
Polyvinyl Alcohol
Talc
Wax, Carnauba
Wax, White
Wax, Yellow

Biodegradable Polymer

Alginic Acid
Chitosan
Cyclodextrin, Gamma
Gelatin
Propylene Glycol Alginate
Sodium Alginate

Buffering Agent

Acetic Acid
Acetic Acid, Glacial
Adipic Acid
Ammonium Phosphate
Ammonium Sulfate
Arginine
Asparagine
Boric Acid
Calcium Carbonate
Calcium Lactate
Calcium Phosphate, Tribasic
Citric Acid Monohydrate
Citric Acid, Anhydrous
Formic Acid
Glycine
Histidine
Lysine Hydrochloride
Maleic Acid
Malic Acid
Methionine
Monosodium Glutamate
Phosphoric Acid
Phosphoric Acid, Diluted
Potassium Citrate
Potassium Metaphosphate

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Potassium Phosphate, Dibasic
Potassium Phosphate, Monobasic
Sodium Acetate
Sodium Borate
Sodium Carbonate
Sodium Citrate
Sodium Lactate Solution
Sodium Phosphate, Dibasic
Sodium Phosphate, Monobasic
Sodium Succinate

Bulking Agent

Alpha-Lactalbumin
Polydextrose
Polydextrose, Hydrogenated
Polyethylene Glycol
Polyethylene Glycol 3350
Pullulan

Capsule Shell

Carrageenan
Gelatin
Hypromellose
Pullulan

Carrier

Asparagine
Lactose, Anhydrous
Lactose, Monohydrate

Chaotropic Agent

Guanidine Hydrochloride

Chelating Agent

Alfadex
Betadex
Betadex Sulfobutyl Ether Sodium
Calcium Acetate
Citric Acid Monohydrate
Edetate Calcium Disodium
Edetate Disodium
Edetic Acid
Fumaric Acid
Galactose
Hydroxypropyl Betadex
Alpha-Lactalbumin
Malic Acid
Oxyquinoline Sulfate
Pentetic Acid
Polacrilin Potassium
Potassium Citrate
Pullulan

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Sodium Citrate
Sodium Phosphate, Dibasic
Sodium Phosphate, Monobasic
Sodium Tartrate
Tartaric Acid
Trehalose

Coating Agent

Amino Methacrylate Copolymer
Ammonio Methacrylate Copolymer
Ammonio Methacrylate Copolymer Dispersion
Calcium Carbonate
Candelilla Wax
Carboxymethylcellulose Calcium
Carboxymethylcellulose Sodium
Carboxymethylcellulose Sodium, Enzymatically-Hydrolyzed
Cellaburate
Cellacefate
Cellulose Acetate
Cetyl Alcohol
Chitosan
Coconut Oil
Coconut Oil, Hydrogenated
Copovidone
Corn Syrup Solids
Ethyl Acrylate and Methyl Methacrylate Copolymer Dispersion
Ethylcellulose
Ethylcellulose Aqueous Dispersion
Ethylcellulose Dispersion Type B
Ethylene Glycol and Vinyl Alcohol Graft Copolymer
Gelatin
Glaze, Pharmaceutical
Glyceryl Dibehenate
Hydroxyethyl Cellulose
Hydroxypropyl Cellulose
Hypromellose
Hypromellose Acetate Succinate
Hypromellose Phthalate
Isomalt
Alpha-Lactalbumin
Maltitol
Maltodextrin
Methacrylic Acid and Ethyl Acrylate Copolymer
Methacrylic Acid and Ethyl Acrylate Copolymer Dispersion
Methacrylic Acid and Ethyl Acrylate Copolymer, Partially-Neutralized
Methacrylic Acid and Methyl Methacrylate Copolymer
Methyl Acrylate, Methyl Methacrylate and Methacrylic Acid (7:3:1) Copolymer 280000 Dispersion
Methylcellulose
Palm Kernel Oil
Palm Oil
Palm Oil, Hydrogenated
Paraffin
Polydextrose
Polydextrose, Hydrogenated

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Polyethylene Glycol
Polyethylene Glycol 3350
Polyethylene Oxide
Polyvinyl Acetate
Polyvinyl Acetate Dispersion
Polyvinyl Acetate Phthalate
Polyvinyl Alcohol
Pullulan
Rapeseed Oil, Fully Hydrogenated
Rapeseed Oil, Superglycerinated Fully Hydrogenated
Shellac
Starch, Pregelatinized Modified
Sunflower Oil
Titanium Dioxide
Wax, Carnauba
Wax, Microcrystalline
Xylitol
Zein
Zinc Oxide

Colloid Stabilizing Agent

Candelilla Wax
Dextran 40
Dextran 70
Dextran 1
Gelatin

Coloring Agent

Aluminum Oxide
Caramel
Ferric Oxide
Ferrosoferric Oxide

Crystallization Inhibitor

Copovidone
Hypromellose
Hypromellose Acetate Succinate
Magnesium Aluminum Silicate
Polysorbate 20
Polysorbate 40
Polysorbate 60
Polysorbate 80
Povidone
Sorbitol

Desiccant

Calcium Chloride
Calcium Sulfate
Polyvinyl Acetate
Silicon Dioxide
Silicon Dioxide, Colloidal

Diluent

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Amino Methacrylate Copolymer
Ammonio Methacrylate Copolymer
Ammonio Methacrylate Copolymer Dispersion
Betadex Sulfobutyl Ether Sodium
Calcium Carbonate
Calcium Lactate
Calcium Phosphate, Dibasic, Anhydrous
Calcium Phosphate, Dibasic, Dihydrate
Calcium Phosphate, Tribasic
Calcium Silicate
Calcium Sulfate
Cellaburate
Cellulose, Microcrystalline
Cellulose, Silicified Microcrystalline
Cellulose, Powdered
Cellulose Acetate
Corn Syrup
Corn Syrup Solids
Dextrates
Dextrin
Dextrose
Dextrose Excipient
Erythritol
Ethyl Acrylate and Methyl Methacrylate Copolymer Dispersion
Ethylcellulose
Fructose
Hydroxypropyl Cellulose, Low-Substituted
Inulin
Invert Sugar
Isomalt
Kaolin
Alpha-Lactalbumin
Lactitol
Lactose, Anhydrous
Lactose, Monohydrate
Magnesium Carbonate
Magnesium Oxide
Maltitol
Maltodextrin
Maltose
Mannitol
Medium-Chain Triglycerides
Methacrylic Acid and Ethyl Acrylate Copolymer
Methacrylic Acid and Ethyl Acrylate Copolymer Dispersion
Methacrylic Acid and Methyl Methacrylate Copolymer
Methyl Acrylate, Methyl Methacrylate and Methacrylic Acid (7:3:1) Copolymer 280000 Dispersion
Polydextrose
Polyethylene Glycol
Polyethylene Glycol 3350
Propylene Glycol Monocaprylate
Propylene Glycol Mono and Dicaprylate
Pullulan
Simethicone
Sodium Bicarbonate
Sodium Carbonate

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Sodium Chloride
Sorbitol
Starch, Pregelatinized
Starch, Pregelatinized Modified
Starch, Corn
Starch, Hydroxypropyl Corn
Starch, Pregelatinized Hydroxypropyl Corn
Starch, Pea
Starch, Hydroxypropyl Pea
Starch, Pregelatinized Hydroxypropyl Pea
Starch, Potato
Starch, Hydroxypropyl Potato
Starch, Pregelatinized Hydroxypropyl Potato
Starch, Tapioca
Starch, Wheat
Starch Hydrolysate, Hydrogenated
Sucrose
Sucrose Diacetate Hexaisobutyrate
Sugar, Compressible
Sugar, Confectioner's
Sugar Spheres
Sunflower Oil
Talc
Trehalose
Xylitol

Disintegrant

Agar
Alginic Acid
Asparagine
Carboxymethylcellulose Calcium
Carboxymethylcellulose Sodium
Cellulose, Microcrystalline
Cellulose, Silicified Microcrystalline
Cellulose, Powdered
Chitosan
Croscarmellose Sodium
Crospovidone
Glycine
Guar Gum
Hydroxypropyl Cellulose, Low-Substituted
Magnesium Aluminum Silicate
Maltose
Methylcellulose
Polacrillin Potassium
Povidone
Pullulan
Silicon Dioxide, Colloidal
Sodium Alginate
Sodium Starch Glycolate
Starch, Pregelatinized Modified
Starch, Corn
Starch, Hydroxypropyl Corn
Starch, Pregelatinized Hydroxypropyl Corn

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Starch, Pea
Starch, Hydroxypropyl Pea
Starch, Pregelatinized Hydroxypropyl Pea
Starch, Potato
Starch, Hydroxypropyl Potato
Starch, Pregelatinized Hydroxypropyl Potato
Starch, Tapioca
Starch, Wheat
Trehalose

Drag-Reducing Agent

Polyethylene Glycol
Polyethylene Glycol 3350
Polyethylene Oxide

Dry Binder

Calcium Sulfate
Calcium Phosphate, Dibasic, Anhydrous
Calcium Phosphate, Tribasic
Cellulose, Microcrystalline
Cellulose, Silicified Microcrystalline
Dextrates
Hydroxypropyl Cellulose
Hypromellose
Lactose, Anhydrous
Hydroxypropylcellulose, Low Substituted
Mannitol
Povidone
Xylitol

Change to read:**Emollient**

Alkyl (C12-15) Benzoate
Almond Oil
Aluminum Monostearate
Butyl Palmitostearate
Butyl Stearate
Candelilla Wax
Canola Oil
Castor Oil
Cetostearyl Alcohol
Cetyl Alcohol
Cetyl Palmitate
Cholesterol
Coconut Oil
Cyclomethicone
Diethyl Sebacate
Dimethicone
Ethylene Glycol Stearates
Glycerin
Glyceryl Monooleate
Glyceryl Monostearate
Isopropyl Isostearate

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