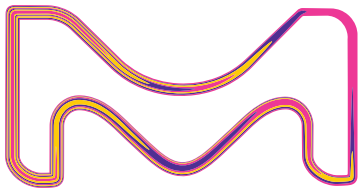


Your partner for liquid dose applications.

Benefit from a comprehensive
product portfolio and exceptional
service in liquid formulation.



The life science business
of Merck KGaA, Darmstadt,
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- Emprove® Expert portfolio for sterile liquid applications

Sucralose

A readily soluble sweetener that masks both bitterness and medicinal off-notes with equal ease.

- Improves patient compliance through taste masking
- Readily soluble – easy handling
- Batch-to-batch consistency – reliable results

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We supply an extensive excipient portfolio and know-how for all kinds of liquid dosage forms for different administration routes:

- Oral – syrups, solutions, suspensions
- Ophthalmic – drops, sprays, washes
- Nasal – drops, sprays, rinsing solutions
- Otic – drops, sprays, rinsing solutions
- Inhalation – liquid preparations

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Cat. No.	Article	Oral	Topical	Ophthalmic	Otic	Inhalation	Nasal
pH Adjustment and Buffers							
100056	Acetic acid (glacial) 100% EMPROVE® ESSENTIAL Ph Eur, BP, JP, USP, E 260	•	•		•		
100058	Acetic acid 96% EMPROVE® ESSENTIAL	•	•		•		
105422	Ammonia solution 25% EMPROVE® ESSENTIAL Ph Eur, BP		•			•	
101142	Ammonium chloride EMPROVE® ESSENTIAL Ph Eur, BP, USP	•					
100924	Ammonium chloride extra pure Ph Eur, BP, USP	•					
100160	Boric acid cryst., EMPROVE® ESSENTIAL Ph Eur, BP, NF		•	•	•		
100162	Boric acid powder, EMPROVE® ESSENTIAL Ph Eur, BP, NF		•	•	•		
102052	Calcium acetate hydrate extra pure DAC, FCC	•	•				
102110	Calcium hydroxide EMPROVE® ESSENTIAL Ph Eur, BP, USP, JP, FCC, E 526	•	•				
102119	Calcium hydroxide precipitated (≤0.0005% Al) EMPROVE® ESSENTIAL USP, FCC, E 526	•	•				
137002	Citric acid EMPROVE® bio Ph Eur, BP, JP, USP, ACS	•	•	•			•
100247	Citric acid anhydrous fine-granular, suitable for use as excipient EMPROVE® exp Ph Eur, BP, JP, USP, E 330, FCC	•	•	•			•
100241	Citric acid anhydrous powder, suitable for use as excipient EMPROVE® exp Ph Eur, BP, JP, USP, E 330, FCC	•	•	•			•
137003	Citric acid monohydrate EMPROVE® bio Ph Eur, BP, JP, USP, ACS	•	•	•			•
100242	Citric acid monohydrate cryst., suitable for use as excipient EMPROVE® exp Ph Eur, BP, JP, USP, E 330, FCC	•	•	•			•
100243	Citric acid monohydrate powder, suitable for use as excipient EMPROVE® exp Ph Eur, BP, JP, USP, E 330, FCC	•	•	•			•
137010	di-Potassium hydrogen phosphate EMPROVE® bio Ph Eur, BP, USP	•					
105101	di-Potassium hydrogen phosphate anhydrous, EMPROVE® ESSENTIAL Ph Eur, BP, E 340	•					
137091	di-Sodium hydrogen phosphate anhydrous EMPROVE® bio Ph Eur, BP, USP	•	•	•	•		•
106585	di-Sodium hydrogen phosphate anhydrous EMPROVE® ESSENTIAL Ph Eur, BP, USP, E 339	•	•	•	•		•
137036	di-Sodium hydrogen phosphate dihydrate EMPROVE® bio Ph Eur, BP, USP	•	•	•	•		•
106576	di-Sodium hydrogen phosphate dihydrate EMPROVE® ESSENTIAL Ph Eur, BP, USP	•	•	•	•		•
106573	di-Sodium hydrogen phosphate dodecahydrate cryst. EMPROVE® ESSENTIAL Ph Eur, BP, JP, USP	•	•	•	•		•
137092	di-Sodium hydrogen phosphate heptahydrate EMPROVE® bio DAC, USP	•	•	•	•		•
106574	di-Sodium hydrogen phosphate heptahydrate EMPROVE® ESSENTIAL DAC, USP	•	•	•	•		•
106303	di-Sodium tetraborate decahydrate EMPROVE® ESSENTIAL Ph Eur, BP, JP, NF		•	•	•		
100383	DL-Malic acid EMPROVE® ESSENTIAL Ph Eur, NF, FCC, E 296	•					
100844	Ethanolamine EMPROVE® ESSENTIAL BP, NF		•	•			

Excipient selection is based on FDA inactive ingredients database.

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Cat. No.	Article	Oral	Topical	Ophthalmic	Otic	Inhalation	Nasal
137044	Ethanolamine suitable for biopharmaceutical production EMPROVE® bio BP, NF		•	•			
817073	Fumaric acid NF	•					
100569	Glycine (special grade) suitable for use as excipient EMPROVE® exp Ph Eur, BP, JP, USP	•				•	
100590	Glycine cryst., suitable for use as excipient EMPROVE® exp Ph Eur, BP, JP, USP	•				•	
100312	Hydrochloric acid 25% EMPROVE® ESSENTIAL Ph Helv	•	•	•	•	•	•
100314	Hydrochloric acid fuming 37% EMPROVE® ESSENTIAL Ph Eur, BP, JP, NF	•	•	•	•	•	•
100802	L(+)-Tartaric acid cryst., EMPROVE® ESSENTIAL Ph Eur, BP, JP, NF, E 334	•	•				
100803	L(+)-Tartaric acid powder EMPROVE® ESSENTIAL Ph Eur, BP, JP, NF, E 334	•	•				
100366	Lactic acid about 90%, suitable for use as excipient EMPROVE® exp Ph Eur, BP, E 270	•	•		•		
104354	L-Histidine monohydrochloride monohydrate, suitable for use as excipient EMPROVE® exp Ph Eur, BP	•					
104352	L-Histidine, suitable for use as excipient EMPROVE® exp Ph Eur, USP	•					
100563	ortho-Phosphoric acid 85% EMPROVE® ESSENTIAL Ph Eur, BP, JPE, NF, E 338	•	•	•			
100564	Phosphoric acid 89% extra pure Ph Eur, BP	•	•	•			
104820	Potassium acetate extra pure Ph Eur, BP, E 261			•			
137039	Potassium dihydrogen phosphate EMPROVE® bio Ph Eur, BP, JPC, NF	•		•	•		•
104871	Potassium dihydrogen phosphate cryst., EMPROVE® ESSENTIAL Ph Eur, BP, JPC, NF, E 340	•		•	•		•
105032	Potassium hydroxide pellets EMPROVE® ESSENTIAL Ph Eur, BP, JP, NF, FCC, E 525	•	•				
480864	Potassium hydroxide solution 46–48% EMPROVE® EXPERT	•	•				
106281	Sodium acetate anhydrous extra pure USP, FCC, E 262	•	•	•	•		•
137046	Sodium acetate anhydrous suitable for the biopharmaceutical production EMPROVE® bio USP	•	•	•	•		•
106265	Sodium acetate trihydrate extra pure Ph Eur, BP, JP, USP, FCC, E 262	•	•	•	•		•
137012	Sodium acetate trihydrate suitable for the biopharmaceutical production EMPROVE® bio Ph Eur, BP, JP, USP	•	•	•	•		•
137018	Sodium dihydrogen phosphate dihydrate EMPROVE® bio Ph Eur, BP, USP, JPE	•	•	•			•
106345	Sodium dihydrogen phosphate dihydrate EMPROVE® ESSENTIAL Ph Eur, BP, USP, JPE, E 339	•	•	•			•
106349	Sodium dihydrogen phosphate monohydrate EMPROVE® ESSENTIAL BP, USP	•	•	•			•
137093	Sodium dihydrogen phosphate monohydrate suitable for the biopharmaceutical production EMPROVE® bio BP, USP	•	•	•			•
106482	Sodium hydroxide pellets EMPROVE® ESSENTIAL Ph Eur, BP, FCC, JP, NF, E 524	•	•	•	•	•	•
106522	Sodium-(S)-lactate-solution about 50%, suitable for use as excipient EMPROVE® exp Ph Eur, BP, USP		•				

Cat. No.	Article	Oral	Topical	Ophthalmic	Otic	Inhalation	Nasal
pH Adjustment and Buffers							
100681	Succinic acid cryst., EMPROVE® ESSENTIAL NF, JPE, ACS	•					
480704	Sulfuric acid 10% EMPROVE® EXPERT	•	•	•	•	•	•
100713	Sulfuric acid 95–98% EMPROVE® ESSENTIAL Ph Eur, BP, JPE, NF	•	•	•	•	•	•
137022	Triethanolamine (Trolamine) suitable for biopharmaceutical production EMPROVE® bio Ph Eur, JPE, NF		•	•			
104956	tri-Potassium citrate monohydrate EMPROVE® ESSENTIAL Ph Eur, BP, USP, FCC, E 332	•		•			
108307	Tris(Hydroxymethyl)aminomethane (TROMETAMOL) high purity EMPROVE® bio Ph Eur, BP, JPC, USP, ACS	•	•	•		•	
108386	Tris(hydroxymethyl)aminomethane (Trometamol), suitable for use as excipient EMPROVE® exp Ph Eur, BP, JPC, USP	•	•	•		•	
106431	tri-Sodium citrate 5, 5-hydrate EMPROVE® ESSENTIAL FU VIII, E 331	•	•	•	•		•
111037	tri-Sodium citrate anhydrous, EMPROVE® ESSENTIAL USP, FCC, E 331	•	•	•	•		•
106432	tri-Sodium citrate dihydrate cryst., EMPROVE® ESSENTIAL Ph Eur, BP, JP, USP, E 331	•	•	•	•		•
106447	tri-Sodium citrate dihydrate EMPROVE® ESSENTIAL Ph Eur, BP, JP, USP, E 331	•	•	•	•		•
106446	tri-Sodium citrate dihydrate powder, EMPROVE® ESSENTIAL Ph Eur, BP, JP, USP, E 331	•	•	•	•		•
Preservatives							
101005	1, 1, 1, -Trichloro-2-methyl-2-propanol hemihydrate Ph Eur, BP, JP, NF		•	•	•	•	•
817046	Benzalkonium chloride (50% aqueous solution) EMPROVE® ESSENTIAL Ph Eur, NF		•	•	•	•	•
817032	Benzalkonium chloride EMPROVE® ESSENTIAL Ph Eur, NF		•	•	•	•	•
100130	Benzoic acid powder, EMPROVE® ESSENTIAL Ph Eur, BP, USP, E 210	•	•				
100987	Benzyl alcohol special grade (benzaldehyde ≤0.05%), suitable for use as excipient EMPROVE® exp Ph Eur, BP, JP, NF	•	•		•		•
100981	Benzyl alcohol, suitable for use as excipient EMPROVE® exp Ph Eur, BP, JP, NF	•	•		•		•
100160	Boric acid cryst., EMPROVE® ESSENTIAL Ph Eur, BP, NF		•	•	•		
100162	Boric acid powder, EMPROVE® ESSENTIAL Ph Eur, BP, NF		•	•	•		
106757	Methyl 4-hydroxybenzoate EMPROVE® ESSENTIAL Ph Eur, BP, JP, NF, FCC	•	•	•	•		•
106756	Methyl 4-hydroxybenzoate sodium salt EMPROVE® ESSENTIAL Ph Eur, BP, NF	•	•	•	•		•
105119	Potassium sorbate granules, EMPROVE® ESSENTIAL Ph Eur, BP, NF, FCC, E 202	•	•	•			•
105118	Potassium sorbate powder, EMPROVE® ESSENTIAL Ph Eur, BP, NF, FCC, E 202	•	•	•			•
107427	Propyl 4-hydroxybenzoate EMPROVE® ESSENTIAL Ph Eur, BP, JP, NF, FCC	•	•	•	•		
107428	Propyl 4-hydroxybenzoate sodium EMPROVE® ESSENTIAL Ph Eur, BP, NF	•	•	•	•		
106290	Sodium benzoate EMPROVE® ESSENTIAL Ph Eur, BP, NF, FCC, E 211	•	•				

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Cat. No.	Article	Oral	Topical	Ophthalmic	Otic	Inhalation	Nasal
Preservatives							
100662	Sorbic acid EMPROVE® ESSENTIAL Ph Eur, BP, NF, FCC, E 200	•	•	•			
817043	Thimerosal Ph Eur, BP, USP	•	•	•	•		
108421	Titriplex® III (ethylene)dinitrilo]tetraacetic acid disodium salt dihydrate) EMPROVE® ESSENTIAL Ph Eur, BP, JP, USP	•	•		•	•	•
Antioxidants							
817023	Butylhydroxyanisole Ph Eur, NF, E 320	•	•				•
817074	Butylhydroxytoluene Ph Eur, JPE, NF, E 321	•	•				•
105056	Potassium disulfite EMPROVE® ESSENTIAL Ph Eur, NF, E 224				•		
106357	Sodium disulfite (sodium metabisulfite) EMPROVE® ESSENTIAL Ph Eur, BP, JP, NF, E 223	•	•	•			
106652	Sodium sulfite EMPROVE® ESSENTIAL Ph Eur, BP, NF, E 221	•	•	•	•		
106514	Sodium thiosulfate pentahydrate cryst., EMPROVE® ESSENTIAL Ph Eur, BP, USP	•	•	•			
106513	Sodium thiosulfate pentahydrate pure	•	•	•			
137004	Titriplex® III (ethylenedinitrilotetraacetic acid disodium salt dihydrate) suitable for the biopharmaceutical production EMPROVE® bio Ph Eur, BP, JP, USP, ACS	•	•	•			
108421	Titriplex® III (ethylene)dinitrilo]tetraacetic acid disodium salt dihydrate) EMPROVE® ESSENTIAL Ph Eur, BP, JP, USP	•	•	•			
Taste Modifiers							
105995	(-)-Menthol EMPROVE® ESSENTIAL Ph Eur, BP, JP, USP	•	•			•	
105321	D(-)-Fructose EMPROVE® ESSENTIAL Ph Eur, BP, USP, FCC	•					
104061	D(+)-Galactose EMPROVE® ESSENTIAL Ph Eur, BP	•					
108346	Glucose monohydrate, suitable for use as excipient EMPROVE® exp Ph Eur, BP, USP	•					
100803	L(+)-Tartaric acid powder EMPROVE® ESSENTIAL Ph Eur, BP, JP, NF, E 334	•	•				
103583	Parteck® SI 150 (Sorbitol) EMPROVE® ESSENTIAL Ph Eur, BP, JP, NF, JSFA, E420	•	•	•			•
115079	Parteck® SI 200 (Sorbitol) EMPROVE® ESSENTIAL Ph Eur, BP, JP, NF, E420	•	•	•			•
103140	Parteck® SI 400 (Sorbitol) EMPROVE® ESSENTIAL Ph Eur, BP, JSFA, NF, E420	•	•	•			•
111597	Parteck® SI 400 LEX (Sorbitol), suitable for use as excipient EMPROVE® exp Ph Eur, BP, NF, JP	•	•	•			•
103557	Parteck® SI 450 (Sorbitol) EMPROVE® ESSENTIAL NF, FCC, JSFA	•	•	•			•
817022	Saccharin EMPROVE® ESSENTIAL Ph Eur, NF	•	•			•	
817042	Saccharin sodium dihydrate EMPROVE® ESSENTIAL Ph Eur, USP	•	•			•	
817044	Sodium cyclamate EMPROVE® ESSENTIAL Ph Eur, BP	•					
102975	Sorbitol FP liquid (sorbitol syrup, noncrystallizing) EMPROVE® ESSENTIAL Ph Eur, BP, NF, E 420	•	•	•			•

Cat. No.	Article	Oral	Topical	Ophthalmic	Otic	Inhalation	Nasal
Taste Modifiers							
102994	Sorbitol liquid (sorbitol syrup, crystallizing) EMPROVE® ESSENTIAL Ph Eur, BP, USP, E 420	•	•	•			•
100895	Sucralose granular EMPROVE® ESSENTIAL Ph Eur, NF, JPE	•					•
100894	Sucralose powder EMPROVE® ESSENTIAL Ph Eur, NF, JPE	•					•
107653	Sucrose EMPROVE® ESSENTIAL Ph Eur, BP, JP, NF	•	•				
100892	Sucrose low in endotoxins, suitable for use as excipient EMPROVE® exp Ph Eur, BP, JP, NF	•	•				
100773	Tannic acid powder EMPROVE® ESSENTIAL Ph Eur, JP, USP	•	•				
108167	Thymol cryst., suitable for use as excipient EMPROVE® exp Ph, Eur, BP, NF	•				•	
108510	Vanillin EMPROVE® ESSENTIAL Ph Eur, BP, NF	•					
Solvents							
107478	1, 2-Propanediol EMPROVE® ESSENTIAL Ph Eur, BP, USP	•	•	•	•		•
100995	2-Propanol EMPROVE® ESSENTIAL Ph Eur, BP, JP, USP		•				
100013	Acetone EMPROVE® ESSENTIAL Ph Eur, BP, JPE, NF		•				
102431	Chloroform EMPROVE® ESSENTIAL	•					
137117	Dimethyl sulfoxide EMPROVE® EXPERT Ph Eur, USP		•				
100971	Ethanol 96%, suitable for use as excipient EMPROVE® exp Ph Eur, BP	•	•	•			
100967	Ethanol 96%, suitable for use as excipient EMPROVE® exp Ph Eur, JP, USP	•	•	•			
100986	Ethanol absolute, suitable for use as excipient EMPROVE® exp Ph Eur, BP, JP, USP	•	•	•			
100864	Ethyl acetate EMPROVE® ESSENTIAL Ph Eur, BP, NF	•	•				
137028	Glycerol EMPROVE® bio Ph Eur, BP, JP, USP, ACS	•	•	•	•	•	•
104091	Glycerol 85%, suitable for use as excipient EMPROVE® exp Ph Eur, BP	•	•	•	•	•	•
104093	Glycerol anhydrous, suitable for use as excipient EMPROVE® exp Ph Eur, BP, JP, USP, E 422	•	•	•	•	•	•
106008	Methanol EMPROVE® ESSENTIAL Ph Eur, BP, JPE, NF	•					
100471	Oleic acid vegetable, suitable for use as excipient EMPROVE® exp Ph Eur, BP, NF		•			•	•
105008	Propanol, suitable for preparative chromatography EMPROVE® bio Ph Eur, BP, USP		•				
Thickeners							
104072	Gelatin (sheets) EMPROVE® ESSENTIAL Ph Eur, BP, NF	•	•			•	
104078	Gelatin powder, EMPROVE® ESSENTIAL Ph Eur, BP, NF	•	•			•	
817009	Polyethylene glycol 1000 EMPROVE® ESSENTIAL Ph Eur	•	•			•	

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Cat. No.	Article	Oral	Topical	Ophthalmic	Otic	Inhalation	Nasal
817008	Polyethylene glycol 10000, suitable for use as excipient EMPROVE® exp Ph Eur	•				•	
817005	Polyethylene glycol 1500 (scales) EMPROVE® ESSENTIAL Ph Eur		•				
817001	Polyethylene glycol 200 EMPROVE® ESSENTIAL DAB 8	•	•				
817020	Polyethylene glycol 2000, suitable for use as excipient EMPROVE® exp DAB	•	•				
817018	Polyethylene glycol 20000 EMPROVE® ESSENTIAL Ph Eur						
817002	Polyethylene glycol 300 EMPROVE® ESSENTIAL Ph Eur	•	•	•			
817019	Polyethylene glycol 3000 EMPROVE® ESSENTIAL Ph Eur	•	•				•
817003	Polyethylene glycol 400 EMPROVE® ESSENTIAL Ph Eur, JP	•	•	•			•
817006	Polyethylene glycol 4000 (powder) EMPROVE® ESSENTIAL Ph Eur		•				
817063	Polyethylene glycol 4000 (scales) EMPROVE® ESSENTIAL Ph Eur		•				
817004	Polyethylene glycol 600 EMPROVE® ESSENTIAL Ph Eur		•				
817007	Polyethylene glycol 6000 EMPROVE® ESSENTIAL Ph Eur		•				
141365	Polyvinyl alcohol 18-88, powder EMPROVE® exp Ph Eur, USP		•	•	•		
141355	Polyvinyl alcohol 18-88, suitable for use as excipient EMPROVE® exp Ph Eur, USP, JPE		•	•	•		
141362	Polyvinyl alcohol 26-88, powder EMPROVE® exp Ph Eur, USP		•	•	•		
141352	Polyvinyl alcohol 26-88, suitable for use as excipient EMPROVE® exp Ph Eur, USP, JPE		•	•	•		
141356	Polyvinyl alcohol 28-99, suitable for use as excipient EMPROVE® exp JPE		•	•	•		
141363	Polyvinyl alcohol 40-88, powder EMPROVE® exp Ph Eur, USP		•	•	•		
141353	Polyvinyl alcohol 40-88, suitable for use as excipient EMPROVE® exp Ph Eur, USP, JPE		•	•	•		
141360	Polyvinyl alcohol 4-88, powder, suitable for use as excipient EMPROVE® exp Ph Eur, USP		•	•	•		
141350	Polyvinyl alcohol 4-88, suitable for use as excipient EMPROVE® exp Ph Eur, USP, JPE		•	•	•		
141364	Polyvinyl alcohol 5-88, powder EMPROVE® exp Ph Eur, USP		•	•	•		
141354	Polyvinyl alcohol 5-88, suitable for use as excipient EMPROVE® exp Ph Eur, USP, JPE		•	•	•		
141361	Polyvinyl alcohol 8-88, powder EMPROVE® exp Ph Eur, USP		•	•	•		
141351	Polyvinyl alcohol 8-88, suitable for use as excipient EMPROVE® exp Ph Eur, USP, JPE		•	•	•		
113126	Silicon dioxide colloidal, highly dispersed EMPROVE® ESSENTIAL Ph Eur, NF, JP, E 551	•	•				
101253	Starch soluble extra pure	•	•				

Cat. No.	Article	Oral	Topical	Ophthalmic	Otic	Inhalation	Nasal
Surfactants							
100989	Cetyl alcohol EMPROVE® ESSENTIAL Ph Eur, BP, NF, JP		•	•	•		
137112	Poloxamer 188 EMPROVE® EXPERT (stabilized with 70 ppm BHT) Ph Eur, NF	•	•	•			
817034	Sodium dodecyl sulfate Ph Eur	•	•				
817072	Tween® 20 (Polysorbate) EMPROVE® ESSENTIAL Ph Eur, JPE, NF	•	•	•	•		•
817076	Tween® 60 (Polysorbate) EMPROVE® ESSENTIAL Ph Eur, JPE, NF	•	•	•			
817061	Tween® 80 (Polysorbate) EMPROVE® ESSENTIAL Ph Eur, JP, NF	•	•	•	•		•
Tonicity Agents							
101816	Ammonium sulfate suitable for the biopharmaceutical production EMPROVE® bio ACS, NF		•		•		
142002	Calcium chloride dihydrate EMPROVE® Ph Eur, BP, JP, USP, FCC, E 509	•	•	•			
137101	Calcium chloride dihydrate suitable for the biopharmaceutical production EMPROVE® bio Ph Eur, BP, JP, USP	•	•	•			
105980	D(-)-Mannitol EMPROVE® ESSENTIAL Ph Eur, BP, USP, JP, FCC, E 421		•	•			•
137096	D(-)-Mannitol EMPROVE® EXPERT Ph Eur, BP, USP, JP		•	•			•
105988	D(-)-Mannitol fine powder EMPROVE® ESSENTIAL Ph Eur, BP, USP, JP, FCC, E 421		•	•			•
105303	D(-)-Mannitol low in endotoxins EMPROVE® API Ph Eur, BP, USP		•	•			•
108346	D(+)-Glucose monohydrate, suitable for use as excipient EMPROVE® exp Ph Eur, BP, USP	•					
137008	Magnesium chloride hexahydrate EMPROVE® bio Ph Eur, BP, USP, JPC, ACS	•	•	•	•	•	•
105832	Magnesium chloride hexahydrate cryst. EMPROVE® Ph Eur, BP, USP, JPC, FCC, E 511	•	•	•	•	•	•
137182	Magnesium sulfate heptahydrate EMPROVE® EXPERT Ph Eur, BP, JP, USP	•	•	•	•	•	•
104937	Potassium chloride EMPROVE® ESSENTIAL Ph Eur, BP, E 508	•		•			
104935	Potassium chloride EMPROVE® ESSENTIAL Ph Eur, BP, JP, USP, FCC, E 508	•		•			
137009	Potassium chloride suitable for the biopharmaceutical production EMPROVE® bio Ph Eur, BP, USP, JP	•		•			
106400	Sodium chloride EMPROVE® ESSENTIAL Ph Eur, BP, USP	•	•	•	•	•	•
116224	Sodium chloride low in endotoxins, suitable for use as excipient EMPROVE® exp Ph Eur, BP, JP, USP	•	•	•	•	•	•
137017	Sodium chloride suitable for the biopharmaceutical production EMPROVE® bio Ph Eur, BP, JP, USP	•	•	•	•	•	•
137144	Sodium sulfate anhydrous EMPROVE® EXPERT Ph Eur, USP, BP	•		•		•	
137144	Sodium sulfate anhydrous EMPROVE® EXPERT Ph Eur, USP, BP	•		•		•	
106645	Sodium sulfate anhydrous extra pure fine powder Ph Eur, BP, USP	•		•		•	

Excipient selection is based on FDA inactive ingredients database.

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Formulation Product Finder Application Tool

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