



SyrSpend[®] SF

Compatibility table

SyrSpend® SF PH4 NEO Preparation Kit (dry) (PRESERVED)

SyrSpend® SF ALKA Preparation Kit (dry) (UNPRESERVED)



Unflavoured / Cherry flavoured

Active pharmaceutical Ingredient (API)	Concentration	Physical and chemical stability (days)	Physical and chemical stability (days) [§]	Storage	Physical and chemical stability (days)	Physical and chemical stability (days) [§]	Storage
Acetaminophen (paracetamol) ¹⁶	50 mg/mL	90	●		●	●	●
Acetazolamide ²¹	25 mg/mL	90	●		●	●	●
Allopurinol ¹⁶	20 mg/mL	90	●		●	●	●
Alprazolam ²⁰	1 mg/mL	90	●		●	●	●
Amiodarone HCl ^{1,34}	5 mg/mL	90	●		●	●	●
	20 mg/mL	90	●		●	●	●
Amitriptyline HCl ¹⁶	10 mg/mL	90	●		●	●	●
Amlodipine (as besylate) ²	1 mg/mL	90	●		●	●	●
Amoxicillin (as trihydrate)	50 mg/mL	30	●		●	●	●
Aripiprazole	1 mg/mL	90	●		●	●	●
Atenolol ³	1 mg/mL	60	●		●	●	●
	5 mg/mL	90	●		●	●	●
Atropine sulfate ²⁰	0.1 mg/mL	90	●		●	●	●
Azathioprine ²⁹	50 mg/mL	14	●		●	●	●
Baclofen ^{21, 28}	2 mg/mL	90	●		●	●	●
	10 mg/mL	90	●		●	●	●
Caffeine ¹⁷	10 mg/mL	90	●		●	●	●
Captopril ⁴	0.8 mg/mL	14	●		●	●	●
Carbamazepine ¹⁶	25 mg/mL	90	●		●	●	●
Carvedilol ^{17, 28}	1 mg/mL	90	●		●	●	●
	5 mg/mL	90	●		●	●	●
Cephalexin	50 mg/mL	0 / 30	●	/	●	●	●
Celecoxib (capsules) ²²	10 mg/mL	90	●		●	●	●
Chloral hydrate ²²	100 mg/mL	60	●		●	●	●
Chloroquine phosphate ²	15 mg/mL	90	●		●	●	●
Cholecalciferol (vit. D3) ⁵	50,000 IU/mL	90	●		●	●	●
Ciprofloxacin HCl ²²	50 mg/mL	90 / 60	●	/	●	●	●
Clomipramine HCl ¹⁷	5 mg/mL	90	●		●	●	●
Clonazepam ³	0.2 mg/mL	90	●		●	●	●
Clonidine HCl ²⁹	0.1 mg/mL	90	●		●	●	●
Clopidogrel (as bisulfate, tablets) ²⁹	5 mg/mL	30	●		●	●	●
Cloxacillin (capsules)*, ²³	50 mg/mL	5	●		●	●	●
Clozapine (tablets)	25 mg/mL	90	●		●	●	●
Cyclosporine ²²	100 mg/mL	90	●		●	●	●
Dapsone ²	2 mg/mL	90	●		●	●	●
Darunavir & cobicistat (tablets)* ³⁰	20 / 3.75 mg/mL	7	●		●	●	●

● Compatible combination

● Combination not recommended

2-8 °C

15-25 °C

Storage temperature



Cherry flavor masking recommendation

SyrSpend® SF PH4 NEO Preparation Kit (dry) (PRESERVED)

SyrSpend® SF ALKA Preparation Kit (dry) (UNPRESERVED)



Unflavoured / Cherry flavoured

Active pharmaceutical Ingredient (API)	Concentration	Physical and chemical stability (days)	Physical and chemical stability (days) [§]	Storage	Physical and chemical stability (days)	Physical and chemical stability (days) [§]	Storage
Dexamethasone ^{3,35} 	1 mg/mL	90	●	2-8 °C 15-25 °C	●	●	●
	5 mg/mL	60	●	2-8 °C 15-25 °C	●	●	●
Diclofenac sodium ³	5 mg/mL	90	●	2-8 °C 15-25 °C	●	●	●
Diltiazem HCl ³	12 mg/mL	90	●	2-8 °C 15-25 °C	●	●	●
Dipyridamole ²¹	10 mg/mL	90	●	2-8 °C 15-25 °C	●	●	●
Domperidone ¹⁶	5 mg/mL	90	●	2-8 °C 15-25 °C	●	●	●
Doxycycline ^{*, 31}	2 mg/mL	90	●	2-8 °C	●	●	●
	50 mg/mL	90	●	2-8 °C	●	●	●
Enalapril maleate ³	1 mg/mL	90	●	2-8 °C 15-25 °C	●	●	●
Esomeprazole magnesium trihydrate ^{**, 18}	3 mg/mL	●	●	●	60	●	2-8 °C
Ethambutol 2 HCl ^{**, (tablets)²⁹}	50 mg/mL	30	●	2-8 °C	●	●	●
Ethambutol 2 HCl ^{**, 29}	50 mg/mL	90	●	2-8 °C 15-25 °C	●	●	●
	100 mg/mL	90	●	2-8 °C 15-25 °C	●	●	●
Flecainide acetate (tablets) ²²	20 mg/mL	90	●	2-8 °C 15-25 °C	●	●	●
Fluoxetine HCl ^{*, 31}	2 mg/mL	90	●	2-8 °C 15-25 °C	●	●	●
	10 mg/mL	90	●	2-8 °C 15-25 °C	●	●	●
Folic acid ¹⁷	1 mg/mL	90	●	2-8 °C 15-25 °C	●	●	●
Furosemide ¹	10 mg/mL	●	●	●	14	●	2-8 °C
Gabapentin ⁶ 	50 mg/mL	90	●	2-8 °C 15-25 °C	●	●	●
Glutamine ²⁰	250 mg/mL	90	●	2-8 °C 15-25 °C	●	●	●
Glycopyrrolate (glycopyrronium bromide) ²²	0.5 mg/mL	90	●	2-8 °C 15-25 °C	●	●	●
Griseofulvin ²⁹ 	25 mg/mL	90	●	2-8 °C 15-25 °C	●	●	●
Haloperidol ⁵ 	0.5 mg/mL	90	●	2-8 °C 15-25 °C	●	●	●
Hydralazine HCl ²⁹	4 mg/mL	30	●	2-8 °C 15-25 °C	●	●	●
Hydrochlorothiazide ^{*,17,28,35}	2 mg/mL	60	●	2-8 °C 15-25 °C	●	●	●
	5 mg/mL	90	●	2-8 °C	●	●	●
Hydrocortisone ²²	1 mg/mL	90	●	2-8 °C 15-25 °C	●	●	●
Hydrocortisone hemisuccinate ¹	2 mg/mL	60	●	2-8 °C 15-25 °C	●	●	●
Hydrocortisone sodium phosphate ¹	2 mg/mL	60	●	2-8 °C 15-25 °C	●	●	●
Hydroxychloroquine sulfate ^{*,*****, 36,37}	25 mg/mL	90	●	15-25 °C	●	●	●
	50 mg/mL	90	●	15-25 °C	●	●	●
Ibuprofen 	40 mg/mL	90	●	15-25 °C	●	●	●
Idebenone ^{*,46}	50 mg/mL	90	●	2-8 °C 15-25 °C	●	●	●
	100 mg/mL	60	●	2-8 °C 15-25 °C	●	●	●
	150 mg/mL	60	●	2-8 °C 15-25 °C	●	●	●

● Compatible combination

● Combination not recommended

2-8 °C 15-25 °C

Storage temperature



Cherry flavor masking recommendation

SyrSpend® SF PH4 NEO Preparation Kit (dry) (PRESERVED)

SyrSpend® SF ALKA Preparation Kit (dry) (UNPRESERVED)



Unflavoured / Cherry flavoured



Active pharmaceutical Ingredient (API)	Concentration	Physical and chemical stability (days)	Physical and chemical stability (days) [§]	Storage	Physical and chemical stability (days)	Physical and chemical stability (days) [§]	Storage
Imipramine HCl ⁵	5 mg/mL	90	●	🧊 🧊	●	●	●
Indometacin	5 mg/mL	90	●	🧊 🧊	●	●	●
Isoniazid ¹⁶ 🍷	10 mg/mL	90	●	🧊 🧊	●	●	●
Itraconazole ²² 🍷	20 mg/mL	90	●	🧊 🧊	●	●	●
Ketoconazole ¹⁶	20 mg/mL	90	●	🧊 🧊	●	●	●
Ketoprofen ³	20 mg/mL	90	●	🧊 🧊	●	●	●
Labetalol HCl (tablets) ²²	40 mg/mL	90	●	🧊 🧊	●	●	●
Lamotrigine ³	1 mg/mL	90	●	🧊 🧊	●	●	●
Levodopa and carbidopa ⁵	5 / 1.25 mg/mL	60 / 30	●	🧊 / 🧊	●	●	●
	10 / 2.5 mg/mL	90	●	🧊 🧊	●	●	●
Levofloxacin ²⁰ 🍷	50 mg/mL	90	●	🧊 🧊	●	●	●
Levothyroxine Sodium (T4) 🍷	25 µg/mL	90	●	🧊	●	●	●
Lisinopril (as dihydrate) ¹⁶	1 mg/mL	90	●	🧊 🧊	●	●	●
Lomustine	4 mg/mL	90	●	🧊	●	●	●
	10 mg/mL	90	●	🧊	●	●	●
Loperamide HCl ¹⁷ 🍷	1 mg/mL	90	●	🧊 🧊	●	●	●
Lorazepam ⁵	1 mg/mL	90 / 60	●	🧊 / 🧊	●	●	●
Mebeverine HCl ²¹	10 mg/mL	90	●	🧊 🧊	●	●	●
Melatonin ²²	3 mg/mL	90	●	🧊 🧊	●	●	●
Mercaptopurine (tablets) ²⁸	10 mg/mL	90	●	🧊 🧊	●	●	●
Methadone HCl ²⁸ 🍷	10 mg/mL	90	●	🧊 🧊	●	●	●
Methotrexate ¹⁷	2.5 mg/mL	90	●	🧊 🧊	●	●	●
Methyldopa	50 mg/mL	90	●	🧊	●	●	●
Metoprolol tartrate ²⁰	10 mg/mL	90	●	🧊 🧊	●	●	●
Metronidazole benzoate ⁷ 🍷	80 mg/mL	90	●	🧊 🧊	●	●	●
Midazolam (as HCl, injection fluid) ^{8, 19}	1 mg/mL	60	●	🧊 🧊	●	●	●
Minocycline HCl ⁵	10 mg/mL	60	●	🧊 🧊	●	●	●
Minoxidil	1 mg/mL	90 / 60	●	🧊 / 🧊	●	●	●
Moxifloxacin	20 mg/mL	90	●	🧊 🧊	●	●	●
Nadolol ¹⁷	10 mg/mL	90	●	🧊 🧊	●	●	●
Naltrexone HCl ¹⁷	1 mg/mL	90	●	🧊 🧊	●	●	●
Naproxen ¹⁶ 🍷	25 mg/mL	90	●	🧊 🧊	●	●	●
Nifedipine ¹	4 mg/mL	90	●	🧊 🧊	●	●	●
Nitrazepam (tablets) ^{*, 47}	1 mg/mL	●	●	●	30	●	🧊
Nitrendipine (tablets) ^{*, 24}	5 mg/mL	60	●	🧊	●	●	●

● Compatible combination

● Combination not recommended

🧊 -2-8 °C

🧊 15-25 °C

Storage temperature

🍷

Cherry flavor masking recommendation

SyrSpend® SF PH4 NEO
Preparation Kit (dry)
(PRESERVED)


Unflavoured / Cherry flavoured

SyrSpend® SF ALKA
Preparation Kit (dry)
(UNPRESERVED)


Active pharmaceutical Ingredient (API)	Concentration	Physical and chemical stability (days)	Physical and chemical stability (days) [§]	Storage	Physical and chemical stability (days)	Physical and chemical stability (days) [§]	Storage
Nitrofurantoin***, 20, 29	2 mg/mL	90	●	2-8 °C 15-25 °C	●	●	●
	10 mg/mL	90	●	2-8 °C 15-25 °C	●	●	●
Omeprazole**, 9, 18	2 mg/mL	●	●	●	60	●	2-8 °C
	5 mg/mL	●	●	●	60	●	2-8 °C
Ondansetron HCl ²⁰	0.8 mg/mL	90	●	2-8 °C 15-25 °C	●	●	●
Oseltamivir (as phosphate, capsules) ^{10, 19, 28}	6 mg/mL	90	●	2-8 °C	●	●	●
	15 mg/mL	90	●	2-8 °C	●	●	●
Oxandrolone ²⁰	3 mg/mL	90	●	2-8 °C 15-25 °C	●	●	●
Oxybutynin*, ³²	5 mg/mL	8	●	15-25 °C	●	●	●
Pantoprazole sodium**, ¹⁸	3 mg/mL	●	●	●	60	●	2-8 °C
Paracetamol (acetaminophen) ¹⁶	50 mg/mL	90	●	2-8 °C 15-25 °C	●	●	●
Penicillamine ³	50 mg/mL	90	●	2-8 °C 15-25 °C	●	●	●
Pentobarbital ^{*, 38}	25 mg/mL	●	●	●	14	●	2-8 °C
Pentoxifylline ¹⁷	20 mg/mL	90	●	2-8 °C 15-25 °C	●	●	●
Phenobarbital ^{1, 28}	9 mg/mL	90	●	2-8 °C 15-25 °C	●	●	●
	15 mg/mL	90	●	2-8 °C	●	●	●
Phenytoin ^{*, 2, 35}	5 mg/mL	60	●	2-8 °C 15-25 °C	●	●	●
	15 mg/mL	90	●	2-8 °C 15-25 °C	●	●	●
Prednisone*, ²⁵	5 mg/mL	60	●	15-25 °C	●	●	●
Prednisolone sodium phosphate ¹	1.5 mg/mL	30	●	2-8 °C 15-25 °C	●	●	●
Pregabalin ²⁰	20 mg/mL	90	●	2-8 °C 15-25 °C	●	●	●
Procarbazine	10 mg/mL	30	●	2-8 °C	●	●	●
Promethazine HCl	2 mg/mL	90	●	2-8 °C 15-25 °C	●	●	●
Propranolol HCl ^{11, 19, 28}	0.5 mg/mL	90	●	2-8 °C	●	●	●
	1 mg/mL	90	●	15-25 °C	●	●	●
	5 mg/mL	90	●	2-8 °C	●	●	●
Propylthiouracil ²¹	5 mg/mL	90	●	2-8 °C 15-25 °C	●	●	●
Pyrazinamide*, ^{26, 28}	100 mg/mL	90	●	2-8 °C 15-25 °C	●	●	●
Pyridoxine HCl (vit. B6) ²	50 mg/mL	90	●	2-8 °C 15-25 °C	●	●	●
Pyrimethamine (tablets)*, ⁴⁰	5 mg/mL	60	●	15-25 °C	●	●	●
Quinidine sulfate ²¹	10 mg/mL	90	●	2-8 °C 15-25 °C	●	●	●
Rabeprazole ¹⁸	3 mg/mL	●	●	●	35	●	2-8 °C
Ranitidine HCl ¹	14 mg/mL	58 / 36	●	2-8 °C / 15-25 °C	●	●	●
Riboflavin (vit. B2) ²⁰	10 mg/mL	90	●	2-8 °C 15-25 °C	●	●	●
Rifampicin (rifampicin) ¹²	25 mg/mL	60	●	2-8 °C 15-25 °C	●	●	●
Sertraline HCl ¹⁶	10 mg/mL	90	●	2-8 °C 15-25 °C	●	●	●

● Compatible combination

● Combination not recommended

2-8 °C

15-25 °C

Storage temperature



Cherry flavor masking recommendation

SyrSpend® SF PH4 NEO Preparation Kit (dry) (PRESERVED)

SyrSpend® SF ALKA Preparation Kit (dry) (UNPRESERVED)



Unflavoured / Cherry flavoured

Active pharmaceutical Ingredient (API)	Concentration	Physical and chemical stability (days)	Physical and chemical stability (days) [§]	Storage	Physical and chemical stability (days)	Physical and chemical stability (days) [§]	Storage
Sildenafil citrate ³³	2.5 mg/mL	90	●	🧊 🔥	●	●	●
Simvastatin ¹	1 mg/mL	90	●	🧊	●	●	●
Sotalol HCl (tablets) ²⁸	5 mg/mL	90	●	🧊 🔥	●	●	●
Spironolactone ^{*,1,28,35}	2 mg/mL	90	●	🧊	●	●	●
	2.5 mg/mL	90	●	🧊	●	●	●
	5 mg/mL	60	●	🧊 🔥	●	●	●
	25 mg/mL	90	●	🧊 🔥	●	●	●
Spironolactone and hydrochlorothiazide ²²	5/5 mg/mL	90	●	🧊 🔥	●	●	●
Sulfadiazine ²	100 mg/mL	90	●	🧊 🔥	●	●	●
Sulfasalazine ²	100 mg/mL	90	●	🧊 🔥	●	●	●
Tacrolimus (as monohydrate) ^{5, 28}	0.5 mg/mL	90	●	🧊	●	●	●
	1 mg/mL	90	●	🧊 🔥	●	●	●
Temozolomide ^{*,39}	20 mg/mL	60	●	🧊	●	●	●
Terbinafine HCl ⁵	25 mg/mL	90	●	🧊 🔥	●	●	●
Tetracycline HCl ²	25 mg/mL	90	●	🧊 🔥	●	●	●
Thiamine HCl (vit. B1) ³	100 mg/mL	90	●	🧊 🔥	●	●	●
Thioguanine ²⁹	2.5 mg/mL	90	●	🧊 🔥	●	●	●
Tiagabine HCl (tablets) ²²	1 mg/mL	90 / 30	●	🧊 / 🔥	●	●	●
Topiramate ²¹	5 mg/mL	90	●	🧊 🔥	●	●	●
Tramadol HCl ^{*, 5, 31}	5 mg/mL	90	●	🧊 🔥	●	●	●
	10 mg/mL	90	●	🧊 🔥	●	●	●
	30 mg/mL	90	●	🧊 🔥	●	●	●
Trimethoprim ² 🍷	10 mg/mL	90	●	🧊 🔥	●	●	●
Ursodeoxycholic Acid ^{13, 28}	20 mg/mL	90	●	🧊	●	●	●
	30 mg/mL	66	●	🧊	●	●	●
Valsartan ⁵	4 mg/mL	90	●	🧊 🔥	●	●	●
Vancomycin HCl ^{14, 28}	25 mg/mL	90	●	🧊	●	●	●
	50 mg/mL	90	●	🧊	●	●	●
Venlafaxine HCl	15 mg/mL	90	●	🧊	●	●	●
Verapamil HCl ¹⁵	50 mg/mL	60 / 90	●	🧊 / 🔥	●	●	●
Vinorelbine ^{*, 44}	10 mg/mL	56	●	🧊	●	●	●
Warfarine sodium (tablets) ^{*, 27}	1 mg/mL	44 / 10	●	🧊 / 🔥	●	●	●
Zonisamide ²	10 mg/mL	90	●	🧊 🔥	●	●	●

● Compatible combination

● Combination not recommended

🧊 -2-8 °C 🔥 15-25 °C Storage temperature

🍷 Cherry flavor masking recommendation

- [§] The physical and chemical stability for acid-labile APIs in SyrSpend® SF ALKA (dry) are mentioned in the compatibility table. Note that SyrSpend® SF ALKA (dry) is unpreserved. When compounding with SyrSpend® SF PH4 NEO (dry) or SyrSpend® SF ALKA (dry), the maximum beyond-use-date needs to be assigned, based on the pharmacist's own professional judgement and applicable legislation.
- ^{*} Study performed by independent scientific working groups without Fagron supervision. For a full list of all references, please be referred to: www.fagron.com/en/external-study-overview.
- ^{**} Use raw pharmaceutical material for the API when compounding.
- ^{***} Higher concentrations can thicken over time. If higher concentrations are needed, please assure the suspension keeps sufficiently thin to handle. For all nitrofurantoin compounds in SyrSpend® SF, please consult Fagron Compounding Matters for the compounding instructions
- ^{****} According to Pesko sugar and artificial flavorings should not be added. Pesko LJ. Compounding: Hydroxychloroquine. *Am. Druggist*. 1993;207:57

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