



SyrSpend[®] SF

Compatibility table

**SyrSpend® SF
PH4 (liquid)
(PRESERVED)**



**SyrSpend® SF
PH4 NEO (dry)
(PRESERVED)**



**SyrSpend® SF
ALKA (dry)
(UNPRESERVED)**



Active pharmaceutical Ingredient (API)	Concentration	Physical and chemical stability (days)	Physical and chemical stability (days) [§]	Storage	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 ^{1,3,4}	5 mg/mL	90	●	🔗 🔗	●	●
	20 mg/mL	90	●	🔗	●	●
Amitriptyline HCl ¹⁶	10 mg/mL	90	●	🔗 🔗	●	●
Amlodipine (as besylate) ²	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	●	🔗	●	●
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	●	🔗	●	●
Cloxacilline (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	●	🔗	●	●
Dexamethasone ^{*,35}	1 mg/mL	90	●	🔗 🔗	●	●
	5 mg/mL	60	●	🔗 🔗	●	●

● Compatible combination

● Combination not recommended

🔗 2-8 °C

🔗 15-25 °C

Storage temperature

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PH4 (liquid)
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SyrSpend® SF
PH4 NEO (dry)
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SyrSpend® SF
ALKA (dry)
(UNPRESERVED)



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

● Compatible combination

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SyrSpend® SF
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Active pharmaceutical Ingredient (API)	Concentration	Physical and chemical stability (days)	Physical and chemical stability (days) [§]	Storage	Physical and chemical stability (days) [§]	Storage
Ketoprofen ³	20 mg/mL	90	●	🔒 🔒	●	●
Labetalol HCl (tablets) ²²	40 mg/mL	90	●	🔒 🔒	●	●
Lamotrigine ³	1 mg/mL	90	●	🔒 🔒	●	●
Lansoprazole ¹⁸	2 mg/mL	●	●	●	●	●
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	●	🔒 🔒	●	●
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	●	🔒 🔒	●	●
Nitrendipine (tablets)*, ²⁴	5 mg/mL	60	●	🔒	●	●
Nitrofurantoin ^{***, 20, 29}	2 mg/mL	90	●	🔒 🔒	●	●
	10 mg/mL	90	●	🔒 🔒	●	●
Omeprazole ^{** , 9, 18}	2 mg/mL	●	●	●	60	🔒
	5 mg/mL	●	●	●	60	🔒
Ondansetron HCl ²⁰	0.8 mg/mL	90	●	🔒 🔒	●	●
Oseltamivir (as phosphate, capsules) ^{10, 19, 28}	6 mg/mL	90	●	🔒	●	●
	15 mg/mL	90	●	🔒	●	●

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🔒 2-8 °C

🔒 15-25 °C

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SyrSpend® SF
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SyrSpend® SF
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Active pharmaceutical Ingredient (API)	Concentration	Physical and chemical stability (days)	Physical and chemical stability (days) [§]	Storage	Physical and chemical stability (days) [§]	Storage
Oxandrolone ²⁰	3 mg/mL	90	●	🧊 🔥	●	●
Oxybutynin ^{*, 32}	5 mg/mL	8	●	🔥	●	●
Pantoprazole sodium ^{**, 18}	3 mg/mL	●	●	●	60	🧊
Paracetamol (acetaminophen) ¹⁶	50 mg/mL	90	●	🧊 🔥	●	●
Penicillamine ³	50 mg/mL	90	●	🧊 🔥	●	●
Pentobarbital ^{*, 38}	25 mg/mL	●	●	●	14	🧊
Pentoxifylline ¹⁷	20 mg/mL	90	●	🧊 🔥	●	●
Phenobarbital ^{1, 28}	9 mg/mL	90	●	🧊 🔥	●	●
	15 mg/mL	90	●	🧊	●	●
Phenytoin ^{7, 2, 35}	5 mg/mL	60	●	🧊 🔥	●	●
	15 mg/mL	90	●	🧊 🔥	●	●
Prednisone ^{*, 25}	5 mg/mL	60	●	🔥	●	●
Prednisolone sodium phosphate ¹	1.5 mg/mL	30	●	🧊 🔥	●	●
Pregabalin ²⁰	20 mg/mL	90	●	🧊 🔥	●	●
Procarbazine	10 mg/mL	30	●	🧊	●	●
Propranolol HCl ^{11, 19, 28}	0.5 mg/mL	90	●	🧊	●	●
	1 mg/mL	90	●	🔥	●	●
	5 mg/mL	90	●	🧊	●	●
Propylthiouracil ²¹	5 mg/mL	90	●	🧊 🔥	●	●
Pyrazinamide ^{*, 26, 28}	100 mg/mL	90	●	🧊 🔥	●	●
Pyridoxine HCl (vit. B6) ²	50 mg/mL	90	●	🧊 🔥	●	●
Quinidine sulfate ²¹	10 mg/mL	90	●	🧊 🔥	●	●
Rabeprazole ¹⁸	3 mg/mL	●	●	●	●	●
Ranitidine HCl ¹	14 mg/mL	58 / 36	●	🧊 🔥	●	●
Riboflavin (vit. B2) ²⁰	10 mg/mL	90	●	🧊 🔥	●	●
Rifampicin (rifampicin) ¹²	25 mg/mL	60	●	🧊 🔥	●	●
Sertraline HCl ¹⁶	10 mg/mL	90	●	🧊 🔥	●	●
Sildenafil citrate ³³	2.5 mg/mL	90	●	🧊 🔥	●	●
Simvastatin ¹	1 mg/mL	90	●	🧊	●	●
Sotalol HCl (tablets) ²⁸	5 mg/mL	90	●	🧊 🔥	●	●
Spironolactone ^{1, 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	●	🧊 🔥	●	●

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🧊 2-8 °C

🔥 15-25 °C

Storage temperature

**SyrSpend® SF
PH4 (liquid)
(PRESERVED)**



**SyrSpend® SF
PH4 NEO (dry)
(PRESERVED)**



**SyrSpend® SF
ALKA (dry)
(UNPRESERVED)**



Active pharmaceutical Ingredient (API)	Concentration	Physical and chemical stability (days)	Physical and chemical stability (days) [§]	Storage	Physical and chemical stability (days) [§]	Storage
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	●	🔒	●	●
Verapamil HCl ¹⁵	50 mg/mL	60 / 90	●	🔒 🔒	●	●
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

- [§] 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 L.J. Compounding: Hydroxychloroquine. *Am. Druggist*. 1993;207:57

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