



SyrSpend[®] SF

Compatibility table

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



**SyrSpend® SF
PH4 Dry
(UNPRESERVED)**



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



Active pharmaceutical Ingredient (API)	Concentration	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	5 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 ^{16, 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				
Cloxacillin (capsules)*. ²³	50 mg/mL	5				
Cyanocobalamine (vit. B12)	0.2 mg/mL	90				
Cyclosporin ²²	100 mg/mL	90				
Dapsone ²	2 mg/mL	90				
Dexamethasone ³	1 mg/mL	90				
Diclofenac sodium ³	5 mg/mL	90				
Diltiazem HCl ³	12 mg/mL	90				
Dipyridamole ²¹	10 mg/mL	90				

Compatible combination

Combination not recommended

Storage temperature

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Active pharmaceutical Ingredient (API)	Concentration	Physical and chemical stability (days)	Storage	Physical and chemical stability (days)	Physical and chemical stability (days)	Storage
Domperidone ¹⁶	5 mg/mL	90	🧊 🧊	🟢	🟡	🧊
Enalapril maleate ³	1 mg/mL	90	🧊 🧊	🟢	🟡	🧊
Esomeprazole magnesium ^{**} , 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	🧊 🧊	🟢	🟡	🧊
Folic acid ¹⁷	1 mg/mL	90	🧊 🧊	🟢	🟡	🧊
Furosemide ¹	10 mg/mL	🟡	🟡	🟡	14	🧊
Gabapentin ⁵	50 mg/mL	90 / 125	🧊 🧊	🟢	🟡	🧊
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	2 mg/mL	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	🧊 🧊	🟢	🟡	🧊
Imipramine HCl ⁵	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	🧊 🧊	🟢	🟡	🧊
Lansoprazole ¹⁸	2 mg/mL	🟡	🟡	🟡	🟡	🟡
Levodopa and carbidopa ⁵	5 / 1.25 mg/mL	60 / 30	🧊 🧊	🟢	🟡	🧊
Levofloxacin ²⁰	50 mg/mL	90	🧊 🧊	🟢	🟡	🧊
Lisinopril (as dihydrate) ¹⁶	1 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	🧊 🧊	🟢	🟡	🧊

🟢 Compatible combination

🟡 Combination not recommended

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

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Active pharmaceutical Ingredient (API)	Concentration	Physical and chemical stability (days)	Storage	Physical and chemical stability (days)	Physical and chemical stability (days)	Storage
Mercaptopurine ²⁸	10 mg/mL	90	🔵 🔴	🟢	🟡	🔵
Methadone HCl ²⁸	10 mg/mL	90	🔵 🔴	🟢	🟡	🔵
Methotrexate ¹⁷	2.5 mg/mL	90	🔵 🔴	🟢	🟡	🔵
Metoprolol tartrate ²⁰	10 mg/mL	90	🔵 🔴	🟢	🟡	🔵
Metronidazole benzoate ⁷	80 mg/mL	716 / 366	🔵 🔴	🟢	🟡	🔵
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	0.8 mg/mL	90	🔵 🔴	🟢	🟡	🔵
Oseltamivir (as phosphate, capsules) ^{10, 19, 28}	6 mg/mL	90	🔵	🟢	🟡	🔵
	15 mg/mL	90	🔵	🟢	🟡	🔵
Oxandrolone ²⁰	3 mg/mL	90	🔵 🔴	🟢	🟡	🔵
Pantoprazole sodium**, 18	3 mg/mL	🟡	🟡	🟡	60	🔵
Paracetamol (acetaminophen) ¹⁶	50 mg/mL	90	🔵 🔴	🟢	🟡	🔵
Penicillamine ³	50 mg/mL	90	🔵 🔴	🟢	🟡	🔵
Pentoxifylline ¹⁷	20 mg/mL	90	🔵 🔴	🟢	🟡	🔵
Phenobarbital ^{1, 28}	9 mg/mL	90 / 154	🔵 🔴	🟢	🟡	🔵
	15 mg/mL	90	🔵	🟢	🟡	🔵
Phenytoin ²	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	🔵 🔴	🟢	🟡	🔵
Propranolol HCl ^{11, 19, 28}	0.5 mg/mL	90	🔵	🟢	🟡	🔵
	1 mg/mL	146	🔴	🟡	🟡	🟡
	5 mg/mL	90	🔵	🟢	🟡	🔵
Propylthiouracil ²¹	5 mg/mL	90	🔵 🔴	🟢	🟡	🔵
Pyrazinamide*, 26, 28	100 mg/mL	90	🔴	🟡	🟡	🟡

🟢 Compatible combination

🟡 Combination not recommended

🔵 2-8 °C 🔴 15-25 °C Storage temperature

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Active pharmaceutical Ingredient (API)	Concentration	Physical and chemical stability (days)	Storage	Physical and chemical stability (days)	Physical and chemical stability (days)	Storage
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	🧊 🧊	🟢	🟡	🧊
Rifampin (rifampicin) ¹²	25 mg/mL	60	🧊 🧊	🟢	🟡	🧊
Sertraline HCl ¹⁶	10 mg/mL	90	🧊 🧊	🟢	🟡	🧊
Sildenafil citrate	2.5 mg/mL	90	🧊 🧊	🟢	🟡	🧊
Simvastatin ¹	1 mg/mL	90	🧊	🟢	🟡	🧊
Sotalol HCl (tablets) ²⁸	5 mg/mL	90	🧊 🧊	🟢	🟡	🧊
Spironolactone ^{1, 28}	2.0 mg/mL	90	🧊	🟢	🟡	🧊
	2.5 mg/mL	90	🧊	🟢	🟡	🧊
	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}	1 mg/mL	90	🧊 🧊	🟢	🟡	🧊
	0.5 mg/mL	90	🧊	🟢	🟡	🧊
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	10 mg/mL	90	🧊 🧊	🟢	🟡	🧊
Trimethoprim ²	10 mg/mL	90	🧊 🧊	🟢	🟡	🧊
Ursodiol (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	🧊	🟢	🟡	🧊
Warfarin 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

* 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.

References

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Disclaimer

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Fagron BV

Lichtenauerlaan 182
3062 ME Rotterdam
The Netherlands

T +31 88 33 11 288
F +31 88 33 11 210
www.fagron.com

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