

SyrSpend® SF Compatibility table

SyrSpend® SF
PH4 Liquid
(PRESERVED)



SyrSpend® SF
PH4 NEO Dry
(GENTLY PRESERVED)



SyrSpend® SF
ALKA Dry
(UNPRESERVED)



Active pharmaceutical Ingredient (API)	Common concentrations	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	🟡🔴	🟢	🟢	🟡
Atropine sulfate ²⁰	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	🟡🔴	🟢	🟢	🟡
Baclofen ^{21, 28}	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	🟡🔴	🟢	🟢	🟡
Carvedilol ^{16, 28}	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	🟡🔴	🟢	🟢	🟡
Cyanocobalamin (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 ¹	12 mg/mL	90	🟡🔴	🟢	🟢	🟡
Dipyridamole ²¹	10 mg/mL	90	🟡🔴	🟢	🟢	🟡
Domperidone ¹⁶	5 mg/mL	90	🟡🔴	🟢	🟢	🟡
Enalapril maleate ³	1 mg/mL	90	🟡🔴	🟢	🟢	🟡
Esomeprazole magnesium ^{14, 18}	3 mg/mL	🟡	🟡🔴	🟢	🟢	🟡
Ethambutol 2 HCl ^{14, 18} (tablets) ²⁹	50 mg/mL	30	🟡🔴	🟢	🟢	🟡
Ethambutol 2 HCl ^{14, 18, 29}	50 mg/mL	90	🟡🔴	🟢	🟢	🟡
Ethambutol 2 HCl ^{14, 18, 29}	100 mg/mL	90	🟡🔴	🟢	🟢	🟡
Flecainide acetate (tablets) ²²	20 mg/mL	90	🟡🔴	🟢	🟢	🟡
Folic acid ¹⁷	1 mg/mL	90	🟡🔴	🟢	🟢	🟡
Furosemide ¹	10 mg/mL	🟡	🟡🔴	🟢	🟢	🟡
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	🟡🔴	🟢	🟢	🟡
Hydrochlorothiazide ^{17, 28}	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	31	🟡🔴	🟢	🟢	🟡
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	🟡🔴	🟢	🟢	🟡
Mercaptopurine ²⁹	10 mg/mL	90	🟡🔴	🟢	🟢	🟡
Methadone HCl ²⁹	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) ^{5, 19}	1 mg/mL	90	🟡🔴	🟢	🟢	🟡
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	🟡🔴	🟢	🟢	🟡
Nitrofurantoin ^{20, 29}	10 mg/mL	90	🟡🔴	🟢	🟢	🟡
Omeprazole ^{14, 18}	2 mg/mL	🟡	🟡🔴	🟢	🟢	🟡
Omeprazole ^{14, 18}	5 mg/mL	🟡	🟡🔴	🟢	🟢	🟡
Ondansetron HCl	0.8 mg/mL	90	🟡🔴	🟢	🟢	🟡
Ondansetron HCl	6 mg/mL	90	🟡🔴	🟢	🟢	🟡
Oseltamivir (as phosphate, capsules) ^{10, 19, 28}	15 mg/mL	90	🟡🔴	🟢	🟢	🟡
Oxandrolone ²⁰	3 mg/mL	90	🟡🔴	🟢	🟢	🟡
Pantoprazole sodium ^{14, 18}	3 mg/mL	🟡	🟡🔴	🟢	🟢	🟡
Paracetamol (acetaminophen) ¹⁶	50 mg/mL	90	🟡🔴	🟢	🟢	🟡
Penicillamine ⁵	50 mg/mL	90	🟡🔴	🟢	🟢	🟡
Pentoxifylline ¹⁷	20 mg/mL	90	🟡🔴	🟢	🟢	🟡
Phenobarbital ^{1, 28}	9 mg/mL	90 / 154	🟡🔴	🟢	🟢	🟡
Phenobarbital ^{1, 28}	15 mg/mL	90	🟡🔴	🟢	🟢	🟡
Phenytoin ²	15 mg/mL	90	🟡🔴	🟢	🟢	🟡
Prednisone ^{14, 25}	5 mg/mL	60	🟡🔴	🟢	🟢	🟡
Prednisolone sodium phosphate ¹	1.5 mg/mL	30	🟡🔴	🟢	🟢	🟡
Pregabalin ²⁹	20 mg/mL	90	🟡🔴	🟢	🟢	🟡
Propranolol HCl ^{11, 19, 28}	0.5 mg/mL	90	🟡🔴	🟢	🟢	🟡
Propranolol HCl ^{11, 19, 28}	1 mg/mL	146	🟡🔴	🟢	🟢	🟡
Propylthiouracil ²¹	5 mg/mL	90	🟡🔴	🟢	🟢	🟡
Pyrazinamide ^{5, 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	🟡🔴	🟢	🟢	🟡
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) ²⁵	5 mg/mL	90	🟡🔴	🟢	🟢	🟡
Sotalol HCl (tablets) ²⁵	2.0 mg/mL	90	🟡🔴	🟢	🟢	🟡
Spironolactone ^{1, 28}	2.5 mg/mL	90	🟡🔴	🟢	🟢	🟡
Spironolactone ^{1, 28}	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	🟡🔴	🟢	🟢	🟡
Tacrolimus (as monohydrate) ^{5, 28}	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	🟡🔴	🟢	🟢	🟡
Ursodiol (ursodeoxycholic acid) ^{13, 28}	30 mg/mL	66	🟡🔴	🟢	🟢	🟡
Valsartan ⁵	4 mg/mL	90	🟡🔴	🟢	🟢	🟡
Vancomycin HCl ^{14, 28}	25 mg/mL	90	🟡🔴	🟢	🟢	🟡
Verapamil HCl ¹⁵	50 mg/mL	90	🟡🔴	🟢	🟢	🟡
Warfarin sodium* (tablets) ²⁷	1 mg/mL	44 / 10	🟡🔴	🟢	🟢	🟡
Zonisamide ⁵	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.

APIs that are not included in this compatibility table can also form palatable and stable suspension. Reconstituted suspensions with SyrSpend® SF PH4 (dry) and SyrSpend® SF Alka (dry) are preservative-free and should be stored at 2-8°C. When absolute hygiene conditions during use cannot be guaranteed, a proposed beyond-usedate may assigned by the pharmacist based on internal protocols, risk analysis or guidelines from accredited pharmacopoeias. For further information on the maximum expiry date you can also contact the company's scientific department.

Please refer to the Compounding Matters formulations database at fagron.gr for all compounding methods and patient use information.

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Disclaimer: While a great deal of effort has been spent to ensure the accuracy of the formulations contained herein, no claims are made as to the uses, safety, efficacy or bioavailability of these recommendations. The content of this table cannot be construed as (medical) advice, recommendation or opinion. Medical professionals, doctors and compounding pharmacists using this information are advised to do so solely if appropriate in their own professional opinion and judgement. Fagron does not accept and cannot be held responsible or liable in any case for the formulations or information contained herein.

SSSFCT10



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SYRSPEND® SF CONVENIENCE PACKS

- Loosen the content(s) of the AP1(s) container(s) by gentle knocking or shaking.
- Add the AP1(s) to the dispensing container with SyrSpend® SF powder.
- Homogenize powders. Rinse each AP1 container with water to ensure all AP1 has been transferred.
- Add water to the dispensing container to reach final volume. Shake vigorously.

SYRSPEND® SF PH4 NEO (DRY, FOR RECONSTITUTION)

- Calculate, weigh or measure the AP1(s). If necessary, reduce the particle size of the AP1(s) or the crushed tablets or capsule contents.
- Add the AP1(s) to the dispensing container with SyrSpend® SF PH4 NEO (dry, for reconstitution) powder. Homogenize powders.
- Add water to the dispensing container to reach final volume. Shake vigorously.

SYRSPEND® SF PH4 (LIQUID)

- Calculate, weigh or measure the AP1(s). If necessary, reduce the particle size of the AP1(s) or the crushed tablets or capsule contents and/or add q.s. of SyrSpend® SF PH4 (liquid) as a wetting agent.
- Using geometric dilution technique with continuous mixing, add SyrSpend® SF PH4 (liquid) to the prepared powder to reach final volume. Stir until the preparation is homogeneous and dispense in container.

Optional: add flavor concentrate.

SyrSpend® SF compounding methods