



# SyrSpend<sup>®</sup> SF

## Compatibility table

Version 15.0

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 **Fagron**  
personalizing  
medicine

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



**SyrSpend® SF  
PH4 Neo (dry)  
(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) <sup>§</sup>	Physical and chemical stability (days) <sup>§</sup>	Storage
Acetaminophen (paracetamol) <sup>16</sup>	50 mg/mL	90				
Acetazolamide <sup>21</sup>	25 mg/mL	90				
Allopurinol <sup>16</sup>	20 mg/mL	90				
Alprazolam <sup>20</sup>	1 mg/mL	90				
Amiodarone HCl <sup>*, 1,34</sup>	5 mg/mL	90				
	20 mg/mL	90				
Amitriptyline HCl <sup>16</sup>	10 mg/mL	90				
Amlodipine (as besylate) <sup>2</sup>	1 mg/mL	90				
Amoxicillin (as trihydrate)	50 mg/mL	30				
Atenolol <sup>3</sup>	1 mg/mL	60				
	5 mg/mL	90				
Atropine sulfate <sup>20</sup>	0.1 mg/mL	90				
Azathioprine <sup>29</sup>	50 mg/mL	14				
Baclofen <sup>21, 28</sup>	2 mg/mL	90				
	10 mg/mL	90				
Caffeine <sup>17</sup>	10 mg/mL	90				
Captopril <sup>4</sup>	0.8 mg/mL	14				
Carbamazepine <sup>16</sup>	25 mg/mL	90				
Carvedilol <sup>17, 28</sup>	1 mg/mL	90				
	5 mg/mL	90				
Celecoxib (capsules) <sup>22</sup>	10 mg/mL	90				
Chloral hydrate <sup>22</sup>	100 mg/mL	60				
Chloroquine phosphate <sup>2</sup>	15 mg/mL	90				
Cholecalciferol (vit. D3) <sup>5</sup>	50,000 IU/mL	90				
Ciprofloxacin HCl <sup>22</sup>	50 mg/mL	90 / 60				
Clomipramine HCl <sup>17</sup>	5 mg/mL	90				
Clonazepam <sup>3</sup>	0.2 mg/mL	90				
Clonidine HCl <sup>29</sup>	0.1 mg/mL	90				
Clopidogrel (as bisulfate, tablets) <sup>29</sup>	5 mg/mL	30				
Cloxacilline (capsules) <sup>*, 23</sup>	50 mg/mL	5				
Clozapine (tablets)	25 mg/mL	90				
Cyclosporine <sup>22</sup>	100 mg/mL	90				
Dapsone <sup>2</sup>	2 mg/mL	90				
Darunavir & cobicistat (tablets) <sup>*, 30</sup>	20 / 3.75 mg/mL	7				

Compatible combination

Combination not recommended

2-8 °C

15-25 °C

Storage temperature

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**SyrSpend® SF  
PH4 Neo (dry)  
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**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) <sup>§</sup>	Physical and chemical stability (days) <sup>§</sup>	Storage
Dexamethasone <sup>*, 3, 43</sup>	1 mg/mL	90				
	5 mg/mL	60				
Diclofenac sodium <sup>3</sup>	5 mg/mL	90				
Diltiazem HCl <sup>3</sup>	12 mg/mL	90				
Dipyridamole <sup>21</sup>	10 mg/mL	90				
Domperidone <sup>16</sup>	5 mg/mL	90				
Doxycycline <sup>*, 31</sup>	2 mg/mL	90				
	50 mg/mL	90				
Enalapril maleate <sup>3</sup>	1 mg/mL	90				
Esomeprazole magnesium trihydrate <sup>*, 18</sup>	3 mg/mL				60	
Ethambutol 2 HCl <sup>** (tablets)<sup>29</sup></sup>	50 mg/mL	30				
Ethambutol 2 HCl <sup>**<sup>29</sup></sup>	50 mg/mL	90				
	100 mg/mL	90				
Flecainide acetate (tablets) <sup>22</sup>	20 mg/mL	90				
Fluoxetine HCl <sup>*, 31</sup>	2 mg/mL	90				
Folic acid <sup>17</sup>	1 mg/mL	90				
Furosemide <sup>1</sup>	10 mg/mL				14	
Gabapentin <sup>5</sup>	50 mg/mL	90				
Glutamine <sup>20</sup>	250 mg/mL	90				
Glycopyrrolate (glycopyrronium bromide) <sup>22</sup>	0.5 mg/mL	90				
Griseofulvin <sup>29</sup>	25 mg/mL	90				
Haloperidol <sup>5</sup>	0.5 mg/mL	90				
Hydralazine HCl <sup>29</sup>	4 mg/mL	30				
Hydrochlorothiazide <sup>*, 17, 28, 43</sup>	2 mg/mL	60				
		90				
	5 mg/mL	90				
Hydrocortisone <sup>22</sup>	1 mg/mL	90				
Hydrocortisone hemisuccinate <sup>1</sup>	2 mg/mL	60				
Hydrocortisone sodium phosphate <sup>1</sup>	2 mg/mL	60				
Hydroxychloroquine sulfate <sup>*, 36, 37</sup>	25 mg/mL	90				
	50 mg/mL	60				
		90				
Imipramine HCl <sup>5</sup>	5 mg/mL	90				
Indometacin	5 mg/mL	90				
Isoniazid <sup>16</sup>	10 mg/mL	90				
Itraconazole <sup>22</sup>	20 mg/mL	90				

Compatible combination

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












































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



**SyrSpend® SF  
ALKA (dry)  
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Active pharmaceutical Ingredient (API)	Concentration	Physical and chemical stability (days)	Storage	Physical and chemical stability (days) <sup>§</sup>	Physical and chemical stability (days) <sup>§</sup>	Storage
Ketoconazole <sup>16</sup>	20 mg/mL	90	 	●	●	
Ketoprofen <sup>3</sup>	20 mg/mL	90	 	●	●	
Labetalol HCl (tablets) <sup>22</sup>	40 mg/mL	90	 	●	●	
Lamotrigine <sup>3</sup>	1 mg/mL	90	 	●	●	
Lansoprazole <sup>18</sup>	2 mg/mL	●	●	●	●	●
Levodopa and carbidopa <sup>5</sup>	5 / 1.25 mg/mL	60 / 30	 	●	●	
	10 / 2.5 mg/mL	90	 	●	●	
Levofloxacin <sup>20</sup>	50 mg/mL	90	 	●	●	
Levothyroxine Sodium (T4)	25 µg/mL	90		●	●	
Lisinopril (as dihydrate) <sup>16</sup>	1 mg/mL	90	 	●	●	
Lomustine	4 mg/mL	90		●	●	
	10 mg/mL	90		●	●	
Loperamide HCl <sup>17</sup>	1 mg/mL	90	 	●	●	
Lorazepam <sup>5</sup>	1 mg/mL	90 / 60	 	●	●	
Mebeverine HCl <sup>21</sup>	10 mg/mL	90	 	●	●	
Melatonin <sup>22</sup>	3 mg/mL	90	 	●	●	
Mercaptopurine (tablets) <sup>28</sup>	10 mg/mL	90	 	●	●	
Methadone HCl <sup>28</sup>	10 mg/mL	90	 	●	●	
Methotrexate <sup>17</sup>	2.5 mg/mL	90	 	●	●	
Methyldopa	50 mg/mL	90		●	●	
Metoprolol tartrate <sup>20</sup>	10 mg/mL	90	 	●	●	
Metronidazole benzoate <sup>7</sup>	80 mg/mL	90	 	●	●	
Midazolam (as HCl, injection fluid) <sup>8, 19</sup>	1 mg/mL	60	 	●	●	
Minocycline HCl <sup>5</sup>	10 mg/mL	60	 	●	●	
Nadolol <sup>17</sup>	10 mg/mL	90	 	●	●	
Naltrexone HCl <sup>17</sup>	1 mg/mL	90	 	●	●	
Naproxen <sup>16</sup>	25 mg/mL	90	 	●	●	
Nifedipine <sup>1</sup>	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 <sup>20</sup>	0.8 mg/mL	90	 	●	●	

● Compatible combination

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



Active pharmaceutical Ingredient (API)	Concentration	Physical and chemical stability (days)	Storage	Physical and chemical stability (days) <sup>§</sup>	Physical and chemical stability (days) <sup>§</sup>	Storage
Oseltamivir (as phosphate, capsules) <sup>10, 19, 28</sup>	6 mg/mL	90				
	15 mg/mL	90				
Oxandrolone <sup>20</sup>	3 mg/mL	90				
Oxybutynin <sup>*, 32</sup>	5 mg/mL	8				
Pantoprazole sodium <sup>***, 18</sup>	3 mg/mL				60	
Paracetamol (acetaminophen) <sup>16</sup>	50 mg/mL	90				
Penicillamine <sup>3</sup>	50 mg/mL	90				
Pentobarbital <sup>*, 38</sup>	25 mg/mL	120				
Pentoxifylline <sup>17</sup>	20 mg/mL	90				
Phenobarbital <sup>1, 28</sup>	9 mg/mL	90				
	15 mg/mL	90				
Phenytoin <sup>*, 2, 43</sup>	5 mg/mL	60				
	15 mg/mL	90				
Prednisone <sup>*, 25</sup>	5 mg/mL	60				
Prednisolone sodium phosphate <sup>1</sup>	1.5 mg/mL	30				
Pregabalin <sup>20</sup>	20 mg/mL	90				
Procarbazine <sup>*, 41, 42</sup>	10 mg/mL	30				
		50 <sup>*</sup>				
Propranolol HCl <sup>11, 19, 28</sup>	0.5 mg/mL	90				
	1 mg/mL	90				
	5 mg/mL	90				
Propylthiouracil <sup>21</sup>	5 mg/mL	90				
Pyrazinamide <sup>*, 26, 28</sup>	100 mg/mL	90				
Pyridoxine HCl (vit. B6) <sup>2</sup>	50 mg/mL	90				
Pyrimethamine <sup>*, 40</sup>	5 mg/mL	60				
Quinidine sulfate <sup>21</sup>	10 mg/mL	90				
Rabeprazole <sup>18</sup>	3 mg/mL					
Ranitidine HCl <sup>1</sup>	14 mg/mL	58 / 36				
Riboflavin (vit. B2) <sup>20</sup>	10 mg/mL	90				
Rifampicin (rifampicin) <sup>12</sup>	25 mg/mL	60				
Sertraline HCl <sup>16</sup>	10 mg/mL	90				
Sildenafil citrate <sup>33</sup>	2.5 mg/mL	90				
Simvastatin <sup>1</sup>	1 mg/mL	90				
Sotalol HCl (tablets) <sup>28</sup>	5 mg/mL	90				

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PH4 Neo (dry)  
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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)	Storage	Physical and chemical stability (days) <sup>§</sup>	Physical and chemical stability (days) <sup>§</sup>	Storage
Spironolactone <sup>1, 1, 28, 35, 43</sup>	2 mg/mL	90				
	2.5 mg/mL	90				
	5 mg/mL	60				
	25 mg/mL	90				
Spironolactone and hydrochlorothiazide <sup>22</sup>	5/5 mg/mL	90				
Sulfadiazine <sup>2</sup>	100 mg/mL	90				
Sulfasalazine <sup>2</sup>	100 mg/mL	90				
Tacrolimus (as monohydrate) <sup>5, 28</sup>	0.5 mg/mL	90				
	1 mg/mL	90				
Temozolomide <sup>*, 39</sup>	20 mg/mL	60				
Terbinafine HCl <sup>5</sup>	25 mg/mL	90				
Tetracycline HCl <sup>2</sup>	25 mg/mL	90				
Thiamine HCl (vit. B1) <sup>3</sup>	100 mg/mL	90				
Thioguanine <sup>29</sup>	2.5 mg/mL	90				
Tiagabine HCl (tablets) <sup>22</sup>	1 mg/mL	90 / 30				
Topiramate <sup>21</sup>	5 mg/mL	90				
Tramadol HCl <sup>*, 5, 31</sup>	5 mg/mL	90				
	10 mg/mL	90				
	30 mg/mL	90				
Trimethoprim <sup>2</sup>	10 mg/mL	90				
	20 mg/mL	90				
Ursodeoxycholic Acid <sup>13, 28</sup>	30 mg/mL	66				
	4 mg/mL	90				
Valsartan <sup>5</sup>	25 mg/mL	90				
	50 mg/mL	90				
Verapamil HCl <sup>15</sup>	50 mg/mL	60				
Vinorelbine <sup>*, 44</sup>	10 mg/mL	56				
Warfarine sodium (tablets) <sup>*, 27</sup>	1 mg/mL	44 / 10				
Zonisamide <sup>2</sup>	10 mg/mL	90				

Compatible combination

Combination not recommended

2-8 °C 15-25 °C Storage temperature

- <sup>6</sup> The physical and chemical stability of acid-stabile APIs in SyrSpend® SF PH4 (dry) is expected to be similar to that of SyrSpend SF PH4 (liquid). The physical and chemical stability for acid-labile APIs in SyrSpend® SF ALKA (dry) are mentioned in the compatibility table. Note that SyrSpend® SF PH4 (dry) and SyrSpend® SF ALKA (dry) are both unpreserved. When compounding with these vehicles, 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](http://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

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