SyrSpend® SF

SyrSpend® SF provides convenient, safe, and efficient vehicles for the preparation of oral liquid dosage forms. All products are taste-masking with a pleasant, sweet taste and available in neutral flavor for easy acceptance by the patient. Compatible with an extensive range of APIs, you can choose the most suitable product for compounding with both acid and alkaline options.

EASY TO USE

SyrSpend® SF PH4 (liquid)

- Gently preserved with <0.1% sodium benzoate
- Buffered to pH 4.2 for maximum compatibility
- Also available in cherry flavor
- 500 ml suspension

SAFE FOR THOSE WHO NEED YOU THE MOST

SyrSpend® SF PH4 NEO (dry, for reconstitution)

- Preservative suitable for all patients
- Buffered to pH 4.2 for maximum Compatibility
- Pre-weighed powder to make 100 ml suspension

DIRECT COMPOUNDING IN DISPENSING CONTAINER

SyrSpend® SF Alka (dry, for reconstitution)

- Buffered to pH >7 for acid-labile APIs
- Preservative free
- Pre-weighed powder to make 100 ml or 200 ml suspension

SyrSpend® SF PH4 (dry, for reconstitution)

- Buffered to pH 4.2 for maximum compatibility
- Preservative free
- Pre-weighed powder to make 100 ml or 200 ml suspensions

COMPOUNDING KITS FOR MAXIMUM EFFICIENCY

SyrSpend® SF compounding kits

Kits contain:

- SyrSpend® SF (dry, for reconstitution) in a validated dispensing container
- pre-weighed API powder
- oral syringe
- tip extender
- press-in bottle adapter
- compounding instructions
- cleaning instructions for the syringe
- tip extender

SyrSpend® SF

Superior suspending technology

References

1. Visser JC et al. Comparison of Rheological and Sedimentation Behavior of Commercially Available Suspending Vehicles for Oral Pharmaceutical Preparations. International Journal of Pharmaceutical Compounding;22(3):247-251.
2. Dijkers, E, Nanhekhan V, Thorissen V and Hudson P. Suspensions as a Valuable Alternative to Extemporaneously Compounded Capsules. International journal of pharmaceutical compounding 21 2 (2017): 171-175.
3. Dijkers ECF, Polonini H and Ferreira A. Content Uniformity of Extemporaneous-Compounded Suspensions. Accepted for publication.

www.fagron.com

Fagron personalizing medicine

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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Ingredient safety

SyrSpend® SF is suitable for vulnerable patient groups, including pediatric, elderly, and chronic patients and those fed by a (naso)gastric tube.

Based on the latest WHO, EMA, ANVISA, and FDA guidelines, SyrSpend® SF contains only safe ingredients, minimizing toxicological effects and allergic reactions. The absence of lactose combined with low osmolality (<50 mOsmol/kg) minimizes gastrointestinal side effects. All SyrSpend® SF vehicles are sugar free, suitable for small children, and compatible with ketogenic diets.

SyrSpend® SF is free of:

- Benzyl alcohol
- Carrageenan
- Colorants
- Dextrose
- Ethanol
- Glycerin
- Lactose
- Parabens
- Propylene glycol
- Sorbitol
- Sucrose
- Xylitol
- Common food allergens

Proven compatibility

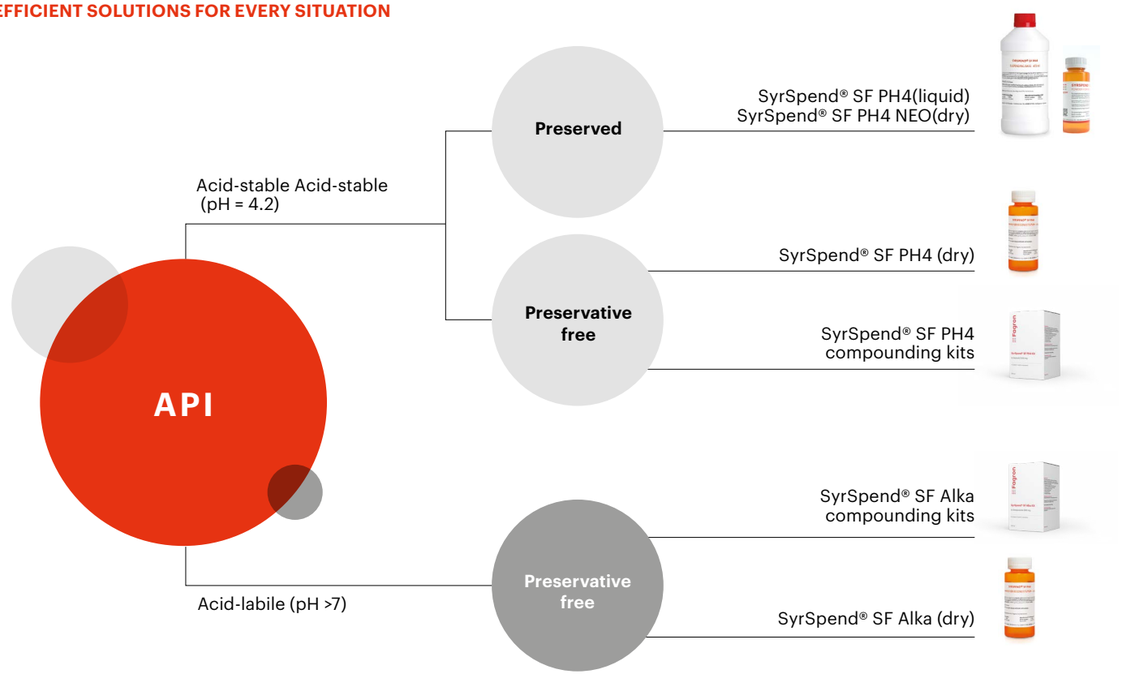
Constant investments in performing foced-degradation stability indicating HPLC at independend laboratories has made SyrSpend® SF the best studied vehicle worldwide. To date, more than 140 different compatibility studies show that SyrSpend® SF is compatible with a broad range of APIs.

All combinations that have been scientifically studied for chemical, physical, and microbiological stability are included in the SyrSpend® SF compatibility table and Compounding Matters formulations database.

Always the right dose

In a recent study, SyrSpend® SF has shown to be capable of delivering the right dose in the more than 105 different APIs studied. In total, 6414 samples were analysed by HPLC-UV and in all cases, they were well within the criteria for Content Uniformity as defined by the different pharmacopoeias. This study therefore indicates that SyrSpend® SF not only allows for dosing flexibility, but also provides maximum dosing safety.[2, 3]

EFFICIENT SOLUTIONS FOR EVERY SITUATION



SyrSpend® SF

SyrSpend® SF is an innovative vehicle range for the compounding of oral liquid dosage forms. Based on food starch, SyrSpend® SF's superior suspending properties provide consistent, individual dosing throughout treatment.

The excellent compatibility with a broad range of active pharmaceutical ingredients (APIs) and meticulous ingredient safety make SyrSpend® SF highly suitable for compounding safe and stable customized medication. SyrSpend® SF is quick and easy to compound with and provides pharmaceutical stability and dosage consistency with each preparation. Its light texture, safe ingredients, and neutral taste results in treatment that is comfortable and easy to swallow for all patient groups, from neonates to the elderly.

SyrSpend® SF PH4 NEO has been designed with the most vulnerable patients in mind and uses sorbic acid as a preservative, which makes it suitable for all patient groups.

Benefits of Syrspend® SF

Active Suspending Technology

Unique starch-based technology that allows for the preparation of a homogeneous suspension to guarantee dosage safety throughout treatment.[1]

Proven compatibility

Supported by multiple scientific stability studies, SyrSpend® SF is highly compatible with a broad range of APIs.

High efficiency

Convenient, easy-to-use oral suspending vehicles and compounding kits facilitate immediate compounding.

Ingredient safety

SyrSpend® SF's meticulous ingredient safety helps minimize side effects and allergic reactions.

Patient comfort

Easy to swallow, with a light texture and no medicinal aftertaste, SyrSpend® SF is number one for patient comfort and enhanced patient compliance.

Exceptional quality

Manufactured in compliance with the highest pharmaceutical standards, SyrSpend® SF supports optimal solutions for your patients.

Active suspending technology

SyrSpend® SF employs *active suspending technology*: the superior pseudoplasticity and thixotropy features of the vehicles provide high accuracy and dosage consistency throughout treatment. With just a few shakes, the pseudoplasticity of SyrSpend® SF ensures rapid redispersion of the API(s) in the compounded suspension, allowing for ongoing low effort re-homogenization. Left to stand, the suspension thickens due to thixotropic properties, keeping the API(s) safely suspended and preventing the formation of an irreversible sediment cake, even when left untouched for up to a month.[1]