

SyrSpend[®] SF

Superior suspending technology



SyrSpend® SF

SyrSpend® SF is an innovative vehicle range for 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 tailor-made 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 is easy to swallow for all patient groups, from neonates to the elderly.

Benefits of SyrSpend® SF

ACTIVE SUSPENDING TECHNOLOGY

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

INGREDIENT SAFETY

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

PROVEN COMPATIBILITY

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

PATIENT COMFORT

Easy to swallow, with a light texture and no medicinal after taste, SyrSpend® SF is first for patient comfort and enhanced patient compliance.

HIGH EFFICIENCY

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

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 rehomogenisation. Left to stand, the

suspension thickens due to the 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

Ingredient safety

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

Based on the latest WHO, EMA, ANVISA and FDA guidelines, SyrSpend® SF contains only safe ingredients, minimising toxicological effects and allergic reactions. The absence

of gluten and lactose combined with the low osmolality (<50 mOsmol/kg) minimises 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
- Colourants
- Dextrose
- Ethanol
- Gluten
- Glycerol
- Lactose
- Parabens
- Propylene glycol
- Sorbitol
- Sucrose
- Xylitol
- Common food allergens



¹ Literature references available upon request

Proven compatibility

The use of starch means that SyrSpend® SF is virtually chemically inert and therefore compatible with a broad range of APIs. All combinations that have been scientifically studied on chemical, physical and microbiological stability are included in the SyrSpend® SF compatibility table and Compounding Matters formulations database. Visit fagron.gr to find the most recent studies published in international peer reviewed journals.



Fagron Academy

Sharing our knowledge of advanced oral liquid medication.

Through Fagron Academy, we share knowledge with prescribers and pharmacists on the use and importance of pharmaceutical compounding for optimal patient treatment and care. Fagron Academy offers informative and interactive seminars and compounding training that are fully dedicated to advanced oral liquid medication.

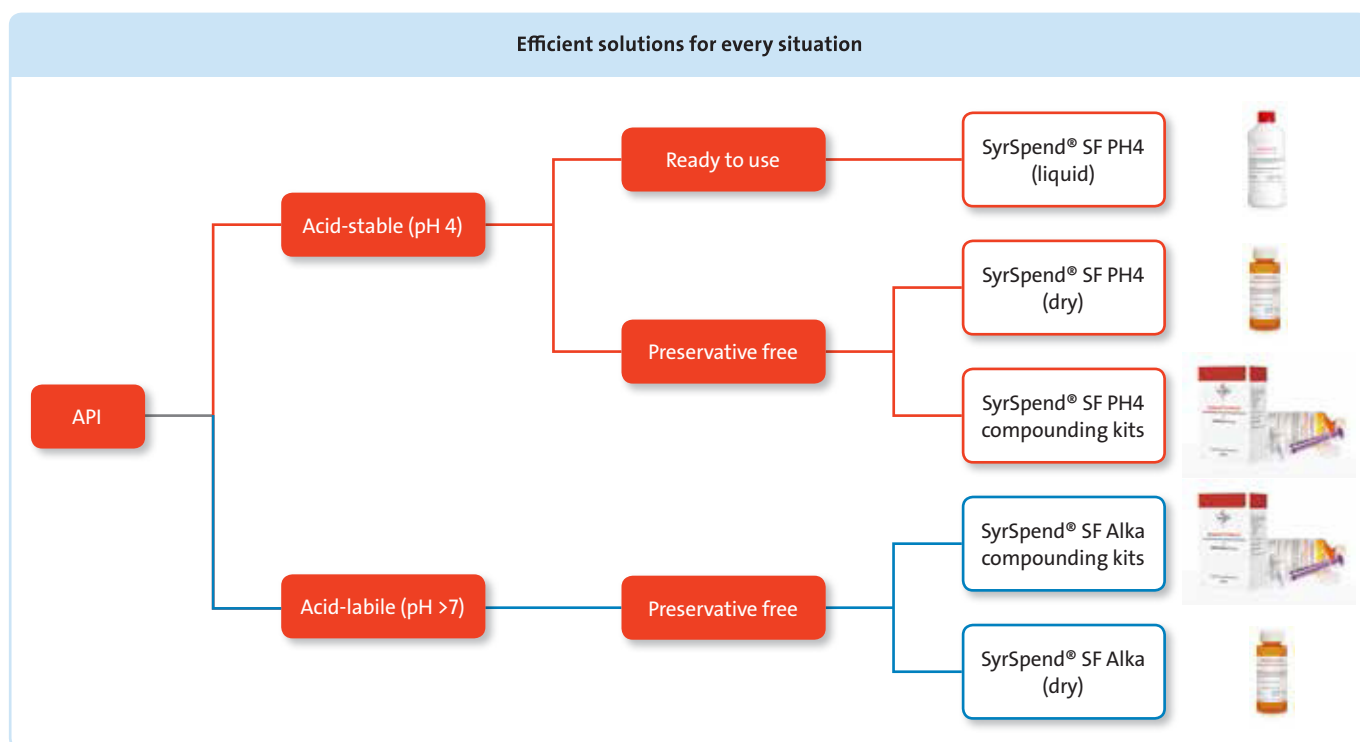
Examples include:

- Compounding suspensions and compatibility
- Compounding training and skills lab

For a complete overview of our courses and training programmes, please visit fagron.gr.



Efficient solutions for every situation



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 flavour 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 flavour
- 473 ml suspension



Direct compounding in dispensing container

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



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 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 and compounding instructions



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 brochure 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.