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Suggested	Saccharin Sodium 0.83% Inhalation Liquid (Solution, 100 mL)	FIN	F 008 675
Formula	Saccharm Southin 0.85% initiatation Elquid (Solution, 100 mL)	FIN	F 008 075

# SUGGESTED FORMULATION

Ingredient Listing	Qty.	Unit	NDC #	Supplier	Lot Number	Expiry Date
Saccharin Sodium (Dihydrate), USP	0.830	g				
Benzyl Alcohol (Parenteral Application), NF	1.0	mL				
Sodium Chloride, USP	0.539	g				
Sterile Water for Injection, USP	90.0	mL				
Sterile Water for Injection, USP	q.s. to 100.0	mL				
			S.			

# SPECIAL PREPARATORY CONSIDERATIONS

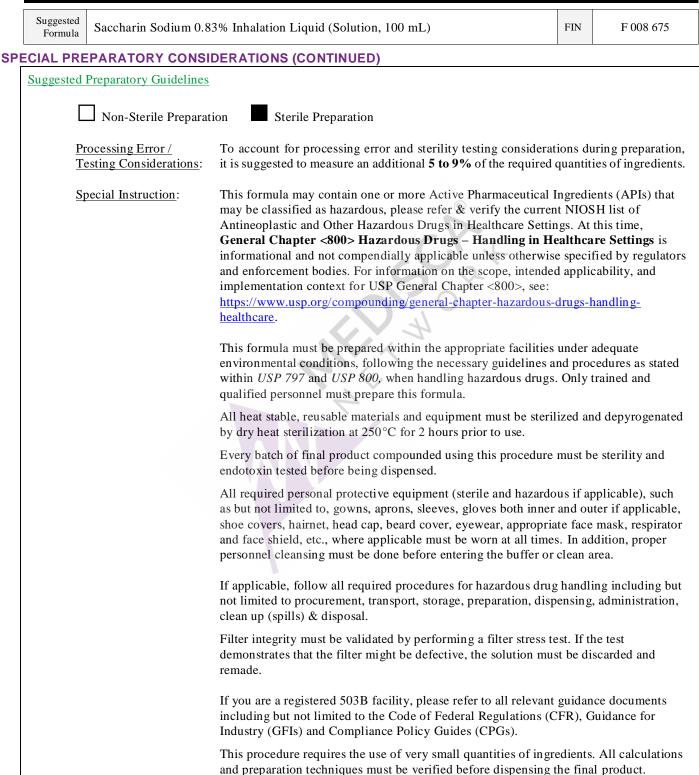
Ingredient-Specific Information

Light Sensitive (protect from light whenever possible):

Benzyl Alcohol



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# SUGGESTED PREPARATION (for 100 mL)

Weigh and / or measure the following ingredients when appropriate:

Ingredient Listing	Qty.	Unit	Multiplication factor <sup>(*)</sup> :	Processing Error	Qty. to measure
Saccharin Sodium (Dihydrate), USP §	0.830	g			
Benzyl Alcohol (Parenteral Application), NF §	1.0	mL			
Sodium Chloride, USP §	0.539	g			
Sterile Water for Injection, USP §	90.0	mL			
Sterile Water for Injection, USP §	q.s. to 100.0	mL	XL		

\* Takes into account increased batch size conversions and density conversions, if required.

§ Weigh / measure just prior to use.

	Preparatory Instruction
	IMPORTANT: All preparatory procedures must be performed using proper Aseptic Technique
1.	Equipment sterilization:
	Following the manufacturer's specifications, sterilize and depyrogenate all heat stable, reusable materials and equipment, then return to ambient temperature.
2.	Powder-liquid preparation:
	A. In the given order, sequentially add the following ingredients to the Sterile Water for Injection (90.0 mL <i>plus</i> processing error adjustments):
	-Benzyl Alcohol (Parenteral Application) -Sodium Chloride
	-Saccharin Sodium (Dihydrate)
	Specifications: Continuously mix until all solid particles have completely dissolved.
	End result: Homogeneous liquid-like solution.
	Note: Add the next ingredient, once the previous one has been completely added and dissolved.
3.	Filling to volume:
	A. Add additional Sterile Water for Injection to the above mixture to fill to the required batch size (100.0 mL <i>plus</i> processing error adjustments).
	Specifications: Continuously mix.
	End result: Homogeneous liquid-like solution.



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4.	Prod	uct transferring:		
		fer the final product (Step 3A) into the recommended dispensing containers (see Packagi mainder into a separate dispensing container. This is to be used as the Test sample for		
5.	<u>Steri</u>	ization:		
		wing the manufacturer's specifications, autoclave sterilize the homogeneous liquid-like to ambient temperature and pressure.	solutio	on (Step 4), then
	<u>S</u>	pecifications:		
	H	leating temperature: 121°C leating time: 20minutes ressure: 15 psi		
	I	MPORTANT: The temperature of the heated chamber must reach 121°C before the ex	posure	duration is timed.
6.	<u>Steri</u>	ity testing:		
	Valid	ate the Test sample for sterility, in accordance to current USP 797 regulatory guideline	S.	



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Suggested Formula		activities Sources (Sources), 100 m2)					FIN	F 008 675
Es	<b>GGESTED PRESE</b> Estimated Beyond-Use Date		14 days, refrigerated as per USP 797. BUD based on a successful sterility test result.	Packaging RequirementsSterile, heat stable, tightly inhalation bottle.			tly clo	osed, light-resistant
		1	Use as directed. Do not exceed dose.	l prescribed	6	Consult your health care practitioner if a prescription or over-the-counter medications currently being used or are prescribed for fut use.		
Auxilia	ary	2	Keep out of reach of children.		7	Protect from light. Equilibrate to room temperature before use.		
Lab	els	3	Do not use if product changes co	olor.	8			
		4	Discard in the presence of particular	ulate matter.	9	Cap tightly after use.		
		5	Keep refrigerated (2°C – 8°C freeze.	C). Do not	10	To be used in aerosol qua	alitativ	e fit test protocol.
	Pharmacist Instructions Add any auxiliary labels specific to the API to the dispensing container as deemed necessary.				sary.			
Patio Instructio			Contact your pharmacist in the event of adverse reactions. <b>IMPORTANT:</b> The quantity of API administered is directly dependent on the quantity of product applied.					



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FEF	RENCES						
1.		reparations. In: Allen, LV, Jr. <i>The Art, Science, and Technology of Pharmace</i> erican Pharmacists Association; 2016: 387.	utical Com	pounding Fifth			
2.	•	hol. In: Sheskey, P.J., ed. <i>Handbook of Pharmaceutical Excipients</i> , 8 <sup>th</sup> Edition harmacists Association; 2017: 105.	ı. Pharmac	eutical Press and			
3.		odium. In: Sheskey, P.J., ed. <i>Handbook of Pharmaceutical Excipients</i> , 8 <sup>th</sup> Edit harmacists Association; 2017: 820.	<i>ion</i> . Pharm	aceutical Press and			
4.	Sodium Choride. In: Sheskey, P.J., ed. <i>Handbook of Pharmaceutical Excipients</i> , 8 <sup>th</sup> Edition. Pharmaceutical Press and American Pharmacists Association; 2017: 854.						
5.	Saccharin Sodium. In: Brayfield, A., ed. <i>Martindale: The Complete Drug Reference, 38th Edition</i> . London, England: The Pharmaceutical Press; 2014: 2208.						
6.		Monograph). In: O'Neil MJ. <i>The Merck Index 15<sup>th</sup> Edition</i> . Whitehouse Station graph #8445.	, NJ: Merc	ek & Co, Inc.;			
7.		odium (Monograph). United States Pharmacopeia XLII / National Formulary ial Convention, Inc. 2019: 3928.	37. Rockvi	lle, MD. US			
8.		Buffered and Isotonic Solutions. In: Sinko, D. J. and Singh, Y. Martin's Physi ical Sciences, Sixth Edition. Philadelphia, PA: Lipponcott Williams & Wilkin					
9.		Tonicity, Osmoticity, Osmolaltiy and Osmolarity. In: D.B Troy. <i>Remington: 2</i> 21st Edition. Baltimore, MD: Lippincott Williams & Wilkins; 2006: 250~265.	The Science	e and Practice of			
10	USF 972.</td <td>United States Pharmacopeia XLII / National Formulary 37. Rockville, MD. Inc. 2019: 6959.</td> <td>US Pharma</td> <td>copeial</td>	United States Pharmacopeia XLII / National Formulary 37. Rockville, MD. Inc. 2019: 6959.	US Pharma	copeial			

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