sodium chloride 4 mmol/mL Oral Solution

Pharmacy

Batch No: _____

Ingredients	Mfr	Lot #	Expiry Date	Quantity	Measured	Checked
sodium chloride USP Powder				93.4 g		
sodium benzoate powder NF				0.4 g		
sterile water for irrigation USP	SK Pharmacy			q.s 400 mL		

Additional Information:

- contains sodium benzoate approximately 1mg/mL.

Equipment:

glass stirring rod spatula graduated measure

Procedure:

Follow your Dept. procedures for risk assessment/training/PPE/equipment/facilities/NAPRA level

1. Weigh sodium chloride powder directly into the graduate on electronic balance.
2. Weigh sodium benzoate powder in a weigh boat on the electronic balance.
3. Transfer measured sodium benzoate powder from the weigh boat into the graduate containing sodium chloride.
4. Then q.s. with preserved water and stir well until dissolved.
5. Transfer to amber bottles. Label.

Quality Control:

Expected Product Appearance	Additional Notes
Clear solution	

Storage: Room temperature
Packaging: Amber glass/plastic PET bottles
BUD: 90 days

Sample Label:

SickKids Pharmacy	sodium chloride 4 mmol/mL Oral Suspension Lot: BUD: Room Temperature

Date Made/Prepared By/Checked By: _____

Reference:

1. Data on file.

Formulation Reviewed: November 2026

Disclaimer: The information in this compounding and preparation worksheet was developed for in-house use only by The Hospital for Sick Children ("SickKids") and its staff. While SickKids endeavours to keep this information up to date and accurate, patient circumstances will vary and some information may become outdated as a result of recent medical developments following the time of printing. Any reliance you place on such information is therefore strictly at your own risk. Please note that the doses provided do not necessarily conform to the manufacturer's recommendations, and formulary drugs may not be licensed for use in children. The reader is cautioned to check the product information sheet provided by the manufacturer, and to verify indications, contraindications and recommended dosages. SickKids make no representations or warranties of any kind, express or implied, about the completeness, accuracy, reliability, or suitability of the information and related products contained in this worksheet for any purpose. SickKids accepts no responsibility for the reader's use, misuse or misinterpretation of the information, and does not promise success in achieving any desired result. In no event will SickKids be liable for any damage, liability or loss or for any indirect, incidental or consequential damages arising from the use of this information.