

Michigan Collaborative Standardization of Compounded Oral Liquids

Drug name: Sodium Chloride

Concentration: 4 mEq/mL

Route: Oral

Volume: 100 mL

Dosage Form: Solution

Shelf Life: 14 days

Storage: Room Temperature

Auxiliary Labeling: None

Ingredients	QS	Quantity	Units
Sodium Chloride Powder, USP		23.4	g
Purified Water, USP	X	100	mL

Directions:

1. Add sodium chloride powder to glass beaker.
2. Dissolve in 50 mL of warm purified water.
3. Transfer to amber bottle and add QS of purified water to final volume (100 mL).

Notes:

- Formulation may be quadrupled with no change to stability.
- Dilute each mL with an additional 25 mL of another liquid.
- $1/4 \text{ tsp NaCl} = 1.25 \text{ g NaCl} = 21.38 \text{ mEq NaCl} = 500 \text{ mg Na}$

References:

- United States Pharmacopeia, USP 36-NF 31, General Chapter <795>, Pharmaceutical Compounding – Nonsterile Preparations.

Reviewed: April 2014; JR/SC

The information provided on this site is only to be used for educational and informational purposes only. It may not be relied upon to direct or provide care to a patient, or to prepare treatments for a patient. This material is not intended as a substitute for retaining and consulting appropriate medical and health care professionals, who remain solely responsible to provide and direct patient care. Be aware that the information contained on this site may not be up to date due to more recent medical developments. The preparation, dispensing, and administration of pharmaceuticals is and remains the responsibility of licensed medical professionals or pharmacists, and may require governmental approvals. The owner and provider of this site disclaims and assumes no liability for any injury and/or damage to persons from use of any information contained on this site.

