

# Balanced Salt Solution



- Multiple sizes to meet your requirements
- Glass or PolyPro plastic packaging
- 500 mL Glass - Standard of the industry
- 500 mL Plastic - Lighter, minimize breakage
- 250 mL Plastic - Smaller size for quick procedures
- 18 mL - Sterile field ready
- Connector for cannula attachment
- Great for refractive or cataract procedures
- Terminally steam sterilized - No EtO residuals
- Latex free - No latex allergic responses
- Available around the globe
- Economical

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## Balanced Salt Solution

**DESCRIPTION:** HUB Pharmaceuticals Balanced Salt Solution is a sterile physiological solution containing essential ions (Na<sup>+</sup>, K<sup>+</sup>, Ca<sup>++</sup>, Mg<sup>++</sup>, Cl<sup>-</sup>, acetate and citrate) to irrigate and help maintain the integrity of the ocular tissues during ophthalmic surgical procedures.

Each 1 mL contains:	mg/mL
Sodium Chloride (NaCl)	6.40 mg
Potassium Chloride (KCl)	0.75 mg
Calcium Chloride, Dihydrate (CaCl <sub>2</sub> • 2H <sub>2</sub> O)	0.48 mg
Magnesium Chloride, Hexahydrate (MgCl <sub>2</sub> • 6H <sub>2</sub> O)	0.30 mg
Sodium Acetate, Trihydrate (C <sub>2</sub> H <sub>3</sub> NaO <sub>2</sub> • 3H <sub>2</sub> O)	3.90 mg
Sodium Citrate, Dihydrate (C <sub>6</sub> H <sub>5</sub> Na <sub>3</sub> O <sub>7</sub> • 2H <sub>2</sub> O)	1.70 mg

And Water for Injection, with Sodium Hydroxide and/or Hydrochloric Acid to adjust the solution to physiologic pH. The solution is isotonic and has the following electrolyte content (mEq/liter): Na + 156, K+ 10, Ca++ 6.5, Mg++ 3, Cl- 129, acetate 29, and citrate 17.

**HUB Pharmaceuticals Balanced Salt Solution** contains no bacteriostat or antimicrobial agent and is intended for use only as a single-dose or short procedure irrigant.

**CLINICAL PHARMACOLOGY:** HUB Pharmaceuticals Balanced Salt Solution is physiological irrigation solution. It does not contain organic agents with pharmacological activity.

**INDICATIONS AND USAGE:** For irrigation during ophthalmic surgery, and surgical procedures of ears, nose or throat requiring a physiological irrigant.

**WARNINGS:** Not for parenteral injection or infusion.

**PRECAUTIONS:** HUB Pharmaceuticals Balanced Salt Solution does not contain a preservative and should not be reused after opening. Do not use if seal assembly or bottle is damaged. Do not use 18 mL bottle if blister package is opened or damaged. Open only under aseptic conditions. Do not use the product unless product is clear.

**ADVERSE REACTIONS:** When used for intraocular surgery in cases where the corneal endothelium is abnormal, excessive intraocular irrigation (as well as other intraocular manipulations) may contribute to endothelial damage and result in bullous keratopathy.

### DOSAGE AND ADMINISTRATION:

**HUB Pharmaceuticals Balanced Salt Solution** should be used according to standard format for each surgical procedure. Irrigating solutions should be visually inspected for particulate matter and discoloration prior to administration, whenever solution container permits.

Tissue damage could result if other drugs are added to product.

### 500 mL glass bottle:

An administration set equipped with an air inlet device in the plastic spike end should be used since the container does not have an airway tube.

1. Flip off plastic cap from the aluminum seal assembly
2. Using aseptic technique, it is recommended to insert the spike through the larger circular, indented area of the rubber plug.
3. Prior to irrigating, invert the bottle and allow solution to flow entire length of tubing so air is purged from the tubing.

**HUB Pharmaceuticals Balanced Salt Solution** should be used in conjunction with established practices for each surgical procedure.

### HOW SUPPLIED:

**HUB Pharmaceuticals Balanced Salt Solution** is supplied in sterile glass bottles: 500 mL NDC 17238-975-50

### Rx only

**Recommended storage:** Room temperature ranges from 46° F to 80° F (8° C - 27° C). Avoid excessive heat. Protect from freezing.

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Luer-Lok® is a registered trademark of Becton-Dickinson.

Manufactured For:  
**HUB Pharmaceuticals, LLC**  
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