POTASSIUM CHLORIDE IN DEXTROSE AND SODIUM CHLORIDE- dextrose, sodium chloride, and potassium chloride injection B. Braun Medical Inc.

Potassium Chloride in Dextrose and Sodium Chloride Injections USP

DESCRIPTION

(See chart below for quantitative information.)

Potassium Chloride in Dextrose and Sodium Chloride Injections USP are sterile, nonpyrogenic and contain no bacteriostatic or antimicrobial agents. These products are intended for intravenous administration.

The formulas of the active ingredients are:

Ingredients	Molecular Formula	Molecular Weight
Sodium Chloride USP	NaCl	58.44
Potassium Chloride USP	KCl	74.55

Not made with natural rubber latex, PVC or DEHP.

The plastic container is made from a multilayered film specifically developed for parenteral drugs. It contains no plasticizers and exhibits virtually no leachables. The solution contact layer is a rubberized copolymer of ethylene and propylene. The container is nontoxic and biologically inert. The container-solution unit is a closed system and is not dependent upon entry of external air during administration. The container is overwrapped to provide protection from the physical environment and to provide an additional moisture barrier when necessary.

Composit	tion - Eacl	h 100 mL	_ contains:						
Solution	Hydrous Dextrose USP			Electr	ncentratio olytes (mE Potassium	q/liter)	Calories per liter	Calculated Osmolarity mOsmol/liter	рН
0.15%		03.	031	Socialii	rotassium	Cilioride	ii.co.		PII
Potassium	1								
Chloride in	1								
5%									
Dextrose									
and									
0.20%									
Sodium									
Chloride									4.4
Injection	_								(3.5-
USP	5 g	0.2 g	0.15 g	34	20	54	170	360	6.5)

0.075%									1
Potassium									
Chloride in									
5% Dextrose									
and									
0.45%									
Sodium									
Chloride									4.4
Injection USP	5 g	0.45 g	0.075 g	77	10	87	170	425	(3.5- 6.5)
0.15%		0.15 9	0.075 g	, ,	10	07	170	123	0.57
Potassium									
Chloride in									
5% Dextrose									
and									
0.45%									
Sodium									
Chloride Injection									4.4 (3.5-
USP	5 g	0.45 g	0.15 g	77	20	97	170	445	6.5)
0.22%	- 9								1
Potassium									
Chloride in 5%									
Dextrose									
and									
0.45%									
Sodium Chloride									4.4
Injection									(3.5-
USP	5 g	0.45 g	0.22 g	77	30	107	170	465	6.5)
0.30%									
Potassium Chloride in									
5%									
Dextrose									
and									
0.45% Sodium									
Chloride									4.4
Injection									(3.5-
USP	5 g	0.45 g	0.3 g	77	40	117	170	490	6.5)
0.15% Potassium									
Chloride in									
5%									
Dextrose									
and 0.9%									
0.9% Sodium									
Chloride									4.4
Injection	_	0.0	0.15	a = -	20		470	600	(3.5-
USP Water for	5 g	0.9 g	0.15 g	154	20	174	170	600	6.5)

Water for Injection USP qs

Addition of medication should be accomplished using complete aseptic technique.

The closure system has two ports; the one for the administration set has a tamper evident plastic protector and the other is a medication addition site. Refer to the Directions for Use of the container.

CLINICAL PHARMACOLOGY

These intravenous solutions provide electrolytes and calories, and are a source of water for hydration. They are capable of inducing diuresis depending on the clinical condition of the patient.

Sodium, the major cation of the extracellular fluid, functions primarily in the control of water distribution, fluid balance, and osmotic pressure of body fluids. Sodium is also associated with chloride and bicarbonate in the regulation of the acid-base equilibrium of body fluid.

Potassium, the principal cation of intracellular fluid, participates in carbohydrate utilization and protein synthesis, and is critical in the regulation of nerve conduction and muscle contraction, particularly in the heart.

Chloride, the major extracellular anion, closely follows the metabolism of sodium, and changes in the acid-base balance of the body are reflected by changes in the chloride concentration.

Dextrose provides a source of calories. Dextrose is readily metabolized, may decrease losses of body protein and nitrogen, promotes glycogen deposition and decreases or prevents ketosis if sufficient doses are provided.

INDICATIONS AND USAGE

These intravenous solutions are indicated for use in adults and pediatric patients as sources of electrolytes, calories and water for hydration.

CONTRAINDICATIONS

These solutions are contraindicated where the administration of sodium, potassium or chloride could be clinically detrimental.

Solutions containing dextrose may be contraindicated in patients with hypersensitivity to corn products.

WARNINGS

The administration of intravenous solutions can cause fluid and/or solute overload resulting in dilution of serum electrolyte concentrations, overhydration, congested states or pulmonary edema. The risk of dilutional states is inversely proportional to the electrolyte concentration. The risk of solute overload causing congested states with peripheral and pulmonary edema is directly proportional to the electrolyte concentration.

Solutions containing sodium ions should be used with great care, if at all, in patients with congestive heart failure, severe renal insufficiency, and in clinical states in which there is sodium retention with edema.

In patients with diminished renal function, administration of solutions containing sodium or potassium ions may result in sodium or potassium retention.

Solutions containing potassium ions should be used with great care, if at all, in patients with hyperkalemia, severe renal failure, and in conditions in which potassium retention is present.

To avoid life-threatening hyperkalemia, do not administer Potassium Chloride in Dextrose and Sodium Chloride Injections USP as an intravenous push (i.e., intravenous injection manually with a syringe connected to the intravenous access, without a quantitative infusion device).

PRECAUTIONS

General

These solutions should be used with care in patients with hypervolemia, renal insufficiency, urinary tract obstruction, or impending or frank cardiac decompensation.

Extraordinary electrolyte losses such as may occur during protracted nasogastric suction, vomiting, diarrhea or gastrointestinal fistula drainage may necessitate additional electrolyte supplementation.

Additional essential electrolytes, minerals and vitamins should be supplied as needed.

Sodium-containing solutions should be administered with caution to patients receiving corticosteroids or corticotropin, or to other salt-retaining patients.

Care should be exercised in administering solutions containing sodium or potassium to patients with renal or cardiovascular insufficiency, with or without congestive heart failure, particularly if they are postoperative or elderly.

Potassium therapy should be guided primarily by serial electrocardiograms, especially in patients receiving digitalis. Serum potassium levels are not necessarily indicative of tissue potassium levels. Solutions containing potassium should be used with caution in the presence of cardiac disease, particularly when accompanied by renal disease.

Solutions containing dextrose should be used with caution in patients with overt or known subclinical diabetes mellitus, or carbohydrate intolerance for any reason.

To minimize the risk of possible incompatibilities arising from mixing any of these solutions with other additives that may be prescribed, the final infusate should be inspected for cloudiness or precipitation immediately after mixing, prior to administration, and periodically during administration.

Do not use plastic containers in series connection.

If administration is controlled by a pumping device, care must be taken to discontinue pumping action before the container runs dry or air embolism may result. If administration is not controlled by a pumping device, refrain from applying excessive pressure (>300mmHg) causing distortion to the container such as wringing or twisting. Such handling could result in breakage of the container.

These solutions are intended for intravenous administration using sterile equipment. Use only if solution is clear and container and seals are intact.

Laboratory Tests

Clinical evaluation and periodic laboratory determinations are necessary to monitor changes in fluid balance, electrolyte concentrations, and acid-base balance during prolonged parenteral therapy or whenever the condition of the patient warrants such evaluation. Significant deviations from normal concentrations may require tailoring of the electrolyte pattern, in these or alternative solutions.

Carcinogenesis, Mutagenesis, Impairment of Fertility

Studies with Potassium Chloride in Dextrose and Sodium Chloride Injections USP have not been performed to evaluate carcinogenic potential, mutagenic potential, or effects on fertility.

Pregnancy

Teratogenic Effects

Animal reproduction studies have not been conducted with Potassium Chloride in Dextrose and Sodium Chloride Injections USP. It is also not known whether Potassium Chloride in Dextrose and Sodium Chloride Injections USP can cause fetal harm when administered to a pregnant woman or can affect reproduction capacity. Potassium Chloride in Dextrose and Sodium Chloride Injections USP should be given to a pregnant woman only if clearly needed.

Labor and Delivery

The effects of Potassium Chloride in Dextrose and Sodium Chloride Injections USP on the duration of labor or delivery, on the possibility that forceps delivery or other intervention or resuscitation of the newborn will be necessary, and on the later growth, development, and functional maturation of the child are unknown.

As reported in the literature, potassium containing solutions have been administered during labor and delivery. Caution should be exercised, and the fluid balance, glucose and electrolyte concentrations, and acid-base balance, of both mother and fetus should be evaluated periodically or whenever warranted by the condition of the patient or fetus.

Nursing Mothers

It is not known whether these drugs are excreted in human milk. Because many drugs are excreted in human milk, caution should be exercised when Potassium Chloride in Dextrose and Sodium Chloride Injections USP are administered to a nursing woman.

Pediatric Use

Safety and effectiveness of Potassium Chloride in Dextrose and Sodium Chloride Injections USP in pediatric patients have not been established by adequate and well-controlled studies. However, as referenced in the medical literature, potassium chloride injection has been used to treat pediatric patients with potassium deficiency when oral replacement therapy is not feasible.

For patients receiving potassium supplement at greater than maintenance rates, frequent monitoring of serum potassium levels and serial EKGs are recommended.

Dextrose is safe and effective for the stated indications in pediatric patients (see **INDICATIONS AND USAGE**). As reported in the literature, the dosage selection and constant infusion rate of intravenous dextrose must be selected with caution in pediatric patients, particularly neonates and low birth weight infants, because of the increased risk of hyperglycemia/hypoglycemia. Frequent monitoring of serum glucose concentrations is required when dextrose is prescribed to pediatric patients, particularly neonates and low birth weight infants.

In neonates or in very small infants even small volumes of fluid may affect fluid and electrolyte balance. Care must be exercised in treatment of neonates, especially preterm neonates, whose renal function may be immature and whose ability to excrete fluid and solute loads may be limited. Fluid intake, urine output, and serum electrolytes should be monitored closely.

See WARNINGS and DOSAGE AND ADMINISTRATION.

Geriatric Use

Clinical studies of Potassium Chloride in Dextrose and Sodium Chloride Injections USP did not include sufficient numbers of subjects aged 65 and over to determine whether they respond differently from younger subjects. Other reported clinical experience has not identified differences in responses between elderly and younger patients.

In general, dose selection for an elderly patient should be cautious, usually starting at the low end of the dosing range, reflecting the greater frequency of decreased hepatic, renal, or cardiac function, and of concomitant disease or other drug therapy.

These drugs are known to be substantially excreted by the kidney, and the risk of toxic reactions to these drugs may be greater in patients with impaired renal function. Because elderly patients are more likely to have decreased renal function, care should be taken in dose selection, and it may be useful to monitor renal function.

See **WARNINGS**.

ADVERSE REACTIONS

Reactions which may occur because of the solution or the technique of administration include febrile response, infection at the site of injection, venous thrombosis or phlebitis extending from the site of injection, extravasation and hypervolemia.

Too rapid infusion of hypertonic solutions may cause local pain and venous irritation. Rate of administration should be adjusted according to tolerance. Use of the largest peripheral vein and a small bore needle is recommended. (See **DOSAGE AND ADMINISTRATION**.)

Symptoms may result from an excess or deficit of one or more of the ions present in the solution; therefore, frequent monitoring of electrolyte levels is essential.

Hypernatremia may be associated with edema and exacerbation of congestive heart failure due to the retention of water, resulting in an expanded extracellular fluid volume.

Reactions reported with the use of potassium-containing solutions include nausea, vomiting, abdominal pain and diarrhea. The signs and symptoms of potassium intoxication include paresthesias of the extremities, areflexia, muscular or respiratory paralysis, mental confusion, weakness, hypotension, cardiac arrhythmias, heart block, electrocardiographic abnormalities and cardiac arrest.

Potassium deficits result in disruption of neuromuscular function, and intestinal ileus and dilatation.

If infused in large amounts, chloride ions may cause a loss of bicarbonate ions, resulting in an acidifying effect.

The physician should also be alert to the possibility of adverse reaction to drug additives. Prescribing information for drug additives to be administered in this manner should be consulted.

If an adverse reaction does occur, discontinue the infusion, evaluate the patient, institute appropriate therapeutic countermeasures and save the remainder of the fluid for examination if deemed necessary.

OVERDOSAGE

In the event of fluid overload during parenteral therapy, reevaluate the patient's condition, and institute appropriate corrective treatment.

In the event of overdosage with potassium-containing solutions, discontinue the infusion

immediately and institute corrective therapy to reduce serum potassium levels.

Treatment of hyperkalemia includes the following:

- 1. Dextrose Injection USP, 10% or 25%, containing 10 units of crystalline insulin per 20 grams of dextrose administered intravenously, 300 to 500 mL per hour.
- 2. Absorption and exchange of potassium using sodium or ammonium cycle cation exchange resin, orally and as retention enema.
- 3. Hemodialysis and peritoneal dialysis. The use of potassium-containing foods or medications must be eliminated. However, in cases of digitalization, too rapid a lowering of plasma potassium concentration can cause digitalis toxicity.

DOSAGE AND ADMINISTRATION

These solutions are for intravenous use only.

Dosage is to be directed by a physician and is dependent upon age, weight, clinical condition of the patient and laboratory determinations. Frequent laboratory determinations and clinical evaluation are essential to monitor changes in blood glucose and electrolyte concentrations, and fluid and electrolyte balance during prolonged parenteral therapy.

When a hypertonic solution is to be administered peripherally, it should be slowly infused through a small bore needle, placed well within the lumen of a large vein to minimize venous irritation. Carefully avoid infiltration.

Usually, up to 40 mEq of potassium per liter daily is sufficient to replace normal loss in adults. Typical infusion rates should not exceed 10 mEq per hour or 120 mEq per day. Pediatric patients may require 2 to 3 mEq per kg of body weight daily. See **WARNINGS** and **PRECAUTIONS** for pediatric use.

Fluid administration should be based on calculated maintenance or replacement fluid requirements for each patient.

Dextrose may be administered to normal individuals at a rate of 0.5 g/kg/hour without producing glycosuria. At the maximum infusion rate of 0.8 g/kg/hour, approximately 95% of the dextrose is retained.

Potassium Chloride in Dextrose and Sodium Chloride Injections USP should not be administered simultaneously with blood through the same administration set because of the possibility of pseudoagglutination or hemolysis.

Some additives may be incompatible. Consult with pharmacist. When introducing additives, use aseptic techniques. Mix thoroughly. Do not store.

Parenteral drug products should be inspected visually for particulate matter and discoloration prior to administration, whenever solution and container permit.

HOW SUPPLIED

Potassium Chloride in Dextrose and Sodium Chloride Injections USP are supplied in EXCEL® Containers. The 1000 mL containers are packaged 12 per case.

Canada DIN	NDC	REF	Size
0.15% Potassium (Chloride in 5% Dextr	rose and	
0.20% Sodium Chk	oride Injection USP		
(20 mEq K ⁺ /liter)			
01931598	0264-7645-00	L6450	1000 mL
0.075% Potassium	Chloride in 5% Dex	trose and	
0.45% Sodium Chk	oride Injection USP		

(10 mEq K⁺/liter)

0264-7634-00 L6340 1000 mL

0.15% Potassium Chloride in 5% Dextrose and

0.45% Sodium Chloride Injection USP

(20 mEq K⁺/liter)

01931547 0264-7635-00

L6350 1000 mL

0.22% Potassium Chloride in 5% Dextrose and

0.45% Sodium Chloride Injection USP

(30 mEq K⁺/liter)

0264-7636-00

L6360 1000 mL

0.30% Potassium Chloride in 5% Dextrose and

0.45% Sodium Chloride Injection USP

(40 mEg K⁺/liter)

01931571

0264-7638-00

L6380 1000 mL

0.15% Potassium Chloride in 5% Dextrose and

0.9% Sodium Chloride Injection USP

(20 mEg K⁺/liter)

01931644

0264-7652-00

L6520 1000 mL

Exposure of pharmaceutical products to heat should be minimized. Avoid excessive heat. Protect from freezing. It is recommended that the product be stored at room temperature (25°C).

Rx only

Revised: June 2023

EXCEL is a registered trademark of B. Braun Medical Inc.

Directions for Use of EXCEL Container

Caution: Do not use plastic containers in series connection.

To Open

Tear overwrap down at notch and remove solution container.

Check for minute leaks by squeezing solution container firmly.

If leaks are found, discard solution as sterility may be impaired.

If supplemental medication is desired, follow directions below before preparing for administration.

NOTE: Before use, perform the following checks:

- Inspect each container. Read the label. Ensure solution is the one ordered and is within the expiration date.
- Invert container and carefully inspect the solution in good light for cloudiness, haze, or particulate matter. Any container which is suspect should not be used.
- Use only if solution is clear and container and seals are intact.

Preparation for Administration

- 1. Remove plastic protector from sterile set port at bottom of container.
- 2. Attach administration set. Refer to complete directions accompanying set.

To Add Medication

Warning: Some additives may be incompatible.

To Add Medication Before Solution Administration

- 1. Prepare medication site.
- 2. Using syringe with 18–22 gauge needle, puncture medication port and inner diaphragm and inject.
- 3. Squeeze and tap ports while ports are upright and mix solution and medication thoroughly.

To Add Medication During Solution Administration

- 1. Close clamp on the set.
- 2. Prepare medication site.
- 3. Using syringe with 18–22 gauge needle of appropriate length (at least 5/8 inch), puncture resealable medication port and inner diaphragm and inject.
- 4. Remove container from IV pole and/or turn to an upright position.
- 5. Evacuate both ports by tapping and squeezing them while container is in the upright position.
- 6. Mix solution and medication thoroughly.
- 7. Return container to in use position and continue administration.

B. Braun Medical Inc.

Bethlehem, PA 18018-3524 USA 1-800-227-2862

In Canada, distributed by:

B. Braun of Canada, Ltd.

Scarborough, Ontario M1H 2W4

Y36-003-066 LD-196-5

PRINCIPAL DISPLAY PANEL - 1000 mL Container Label

0.075% Potassium Chloride in 5% Dextrose and 0.45% Sodium Chloride Injection USP

REF L6340 NDC 0264-7634-00

1000 mL

EXCEL® CONTAINER

10 mEq K+/*liter* Y94-003-346 LD-258-3

Each 100 mL contains: Hydrous Dextrose USP 5 g; Sodium Chloride USP 0.45 g; Potassium Chloride USP 0.075 g; Water for Injection USP qs

pH: 4.4 (3.5-6.5); Calc. Osmolarity: 425 mOsmol/liter, hypertonic

Electrolytes (mEq/liter): Na⁺ 77; K⁺ 10; Cl⁻ 87

Sterile, nonpyrogenic. Single dose container. Do not use in series connection. For intravenous use only. Use only if solution is clear and container and seals are intact.

WARNINGS: Some additives may be incompatible. Consult with pharmacist. When introducing additives, use aseptic techniques. Mix thoroughly. Do not store.

Recommended Storage: Room temperature (25°C). Avoid excessive heat. Protect from freezing. See Package Insert.

Do not remove overwrap until ready for use. After removing the overwrap, check for minute leaks by squeezing container firmly. If leaks are found, discard solution as sterility may be impaired.

Not made with natural rubber latex, PVC or DEHP.

Rx only



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B. Braun Medical Inc.

Bethlehem, PA 18018-3524 USA 1-800-227-2862

Y94-003-285 LD-166-3

0.075% Potassium Chloride in 5% Dextrose and 0.45% Sodium Chloride Injection USP

NDC

REF L6340

0264-7634-00

1000 mL

EXCEL® CONTAINER

10 mEq K+/liter

Y94-003-346 LD-258-3

Each 100 mL contains: Hydrous Dextrose USP 5 g; Sodium Chloride USP 0.45 g; Potassium Chloride USP 0.075 g; Water for Injection USP qs

pH: 4.4 (3.5-6.5); Calc. Osmolarity: 425 mOsmol/liter, hypertonic

Electrolytes (mEq/liter): Na+ 77; K+ 10; Cl- 87

Sterile, nonpyrogenic. Single dose container. Do not use in series connection. For intravenous use only. Use only if solution is clear and container and seals are intact.

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BARCODE

BARCODE

f94-003-285 LD-166-3

OTHER

B BRAUN

B. Braun Medical Inc.

Bethlehem, PA 18018-3524 USA 1-800-227-2862

PRINCIPAL DISPLAY PANEL - 1000 mL Container Label

0.15% Potassium Chloride in5% Dextrose and0.45% Sodium ChlorideInjection USP

REF L6350 NDC 0264-7635-00 DIN 01931547 SG SIN13887P

1000 mL EXCEL® CONTAINER

20 mEq K⁺/liter Y94-003-347 LD-265-4

Each 100 mL contains: Hydrous Dextrose USP 5 g; Sodium Chloride USP 0.45 g; Potassium Chloride USP 0.15 g; Water for Injection USP qs

pH: 4.4 (3.5-6.5); Calc. Osmolarity: 445 mOsmol/liter, hypertonic

Electrolytes (mEq/liter): Na⁺ 77; K⁺ 20; Cl⁻ 97

Sterile, nonpyrogenic. Single dose container. Do not use in series connection. For intravenous use only. Use only if solution is clear and container and seals are intact.

WARNINGS: Some additives may be incompatible. Consult with pharmacist. When introducing additives, use aseptic techniques. Mix thoroughly. Do not store.

Recommended Storage: Room temperature (25°C). Avoid excessive heat. Protect from freezing. See Package Insert.

Do not remove overwrap until ready for use. After removing the overwrap, check for minute leaks by squeezing container firmly. If leaks are found, discard solution as sterility may be impaired.

Not made with natural rubber latex, PVC or DEHP.

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In Canada, distributed by:

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Y94-003-493 LD-158-6

EXP

0.15% Potassium Chloride in 5% Dextrose and 0.45% Sodium Chloride Injection USP

REF L6350

NDC 0264-7635-00

01931547 DIN SG

SIN13887P

1000 mL

EXCEL® CONTAINER

20 mEq K+/liter

Y94-003-347 LD-265-4

Each 100 mL contains: Hydrous Dextrose USP 5 g; Sodium Chloride USP 0.45 g; Potassium Chloride USP 0.15 g; Water for Injection USP qs

pH: 4.4 (3.5-6.5); Calc. Osmolarity: 445 mOsmol/liter, hypertonic

Electrolytes (mEq/liter): Na+ 77; K+ 20; CI- 97

Sterile, nonpyrogenic. Single dose container. Do not use in series connection. For intravenous use only. Use only if solution is clear and container and seals are intact.

WARNINGS: Some additives may be incompatible. Consult with pharmacist. When introducing additives, use aseptic techniques. Mix thoroughly. Do not store.

Recommended Storage: Room temperature (25°C). Avoid excessive heat. Protect from freezing. See Package Insert.

Do not remove overwrap until ready for use. After removing the overwrap, check for minute leaks by squeezing container firmly. If leaks are found, discard solution as sterility may be impaired.

Not made with natural rubber latex, PVC or DEHP.

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OTHER

BARCODE

BARCODE

f94-003-493 LD-158-6

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In Canada, distributed by: B. Braun of Canada, Ltd. Scarborough, Ontario M1H 2W4

EXP

LOT

Y94-003-493

PRINCIPAL DISPLAY PANEL - 1000 mL Container Label

0.22% Potassium Chloride in 5% Dextrose and 0.45% Sodium Chloride Injection USP

REF L6360 NDC 0264-7636-00 SG SIN13888P

1000 mL EXCEL® CONTAINER

30 mEq K⁺/liter Y94-003-348 LD-266-3

Each 100 mL contains: Hydrous Dextrose USP 5 g; Sodium Chloride USP 0.45 g; Potassium Chloride USP 0.22 g; Water for Injection USP qs

pH: 4.4 (3.5-6.5); Calc. Osmolarity: 465 mOsmol/liter, hypertonic

Electrolytes (mEq/liter): Na⁺ 77; K⁺ 30; Cl⁻ 107

Sterile, nonpyrogenic. Single dose container. Do not use in series connection. For intravenous use only. Use only if solution is clear and container and seals are intact.

WARNINGS: Some additives may be incompatible. Consult with pharmacist. When introducing additives, use aseptic techniques. Mix thoroughly. Do not store.

Recommended Storage: Room temperature (25°C). Avoid excessive heat. Protect from freezing. See Package Insert.

Do not remove overwrap until ready for use. After removing the overwrap, check for minute leaks by squeezing container firmly. If leaks are found, discard solution as sterility may be impaired.

Not made with natural rubber latex, PVC or DEHP.

Rx only



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Bethlehem, PA 18018-3524 USA 1-800-227-2862

Y94-003-494 LD-157-5

0.22% Potassium Chloride in 5% Dextrose and 0.45% Sodium Chloride Injection USP

REF L6360

SG

NDC 0264-7636-00

SIN13888P

1000 mL EXCEL® CONTAINER

-0-

30 mEq K+/liter

Y94-003-348 LD-266-3

Each 100 mL contains: Hydrous Dextrose USP 5 g; Sodium Chloride USP 0.45 g; Potassium Chloride USP 0.22 g; Water for Injection USP qs

pH: 4.4 (3.5-6.5); Calc. Osmolarity: 465 mOsmol/liter, hypertonic

Electrolytes (mEq/liter): Na+ 77; K+ 30; CI- 107

Sterile, nonpyrogenic. Single dose container. Do not use in series connection. For intravenous use only. Use only if solution is clear and container and seals are intact.

WARNINGS: Some additives may be incompatible. Consult with pharmacist. When introducing additives, use aseptic techniques. Mix thoroughly. Do not store.

Recommended Storage: Room temperature (25°C). Avoid excessive heat. Protect from freezing. See Package Insert.

Do not remove overwrap until ready for use. After removing the overwrap, check for minute leaks by squeezing container firmly. If leaks are found, discard solution as sterility may be impaired.

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-7-

BARCODE

BARCODE

f94-003-494 LD-157-5

-8-

B BRAUN

-9-

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EXP

LOT

PRINCIPAL DISPLAY PANEL - 1000 mL Container Label

0.30% Potassium Chloride in 5% Dextrose and 0.45% Sodium Chloride Injection USP

REF L6380 NDC 0264-7638-00 DIN 01931571 SG SIN13889P

1000 mL

EXCEL® CONTAINER

40 mEq K+/liter Y94-003-349 LD-274-3

Each 100 mL contains: Hydrous Dextrose USP 5 g; Sodium Chloride USP 0.45 g; Potassium Chloride USP 0.3 g; Water for Injection USP qs

pH: 4.4 (3.5-6.5); Calc. Osmolarity: 490 mOsmol/liter, hypertonic

Electrolytes (mEq/liter): Na⁺ 77; K⁺ 40; Cl⁻ 117

Sterile, nonpyrogenic. Single dose container. Do not use in series connection. For intravenous use only. Use only if solution is clear and container and seals are intact.

WARNINGS: Some additives may be incompatible. Consult with pharmacist. When introducing additives, use aseptic techniques. Mix thoroughly. Do not store.

Recommended Storage: Room temperature (25°C). Avoid excessive heat. Protect from freezing. See Package Insert.

Do not remove overwrap until ready for use. After removing the overwrap, check for minute leaks by squeezing container firmly. If leaks are found, discard solution as sterility may be impaired.

Not made with natural rubber latex, PVC or DEHP.

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In Canada, distributed by:

B. Braun of Canada, Ltd.

Scarborough, Ontario M1H 2W4

Y94-003-495 LD-156-5

0.30% Potassium Chloride in 5% Dextrose and 0.45% Sodium Chloride Injection USP

REF L6380 NDC 0264-7638-00 DIN 01931571

SG

SIN13889P

1000 mL =0

40 mEq K+/liter

Y94-003-349 LD-274-3

Each 100 mL contains: Hydrous Dextrose USP 5 g; Sodium Chloride USP 0.45 g; Potassium Chloride USP 0.3 g; Water for Injection USP qs

pH: 4.4 (3.5-6.5); Calc. Osmolarity: 490 mOsmol/liter, hypertonic

Electrolytes (mEq/liter): Na+ 77; K+ 40; CI- 117

Sterile, nonpyrogenic. Single dose container. Do not use in series connection. For intravenous use only. Use only if solution is clear and container and seals are intact.

WARNINGS: Some additives may be incompatible. Consult with pharmacist. When introducing additives, use aseptic techniques. Mix thoroughly. Do not store.

Recommended Storage: Room temperature (25°C). Avoid excessive heat. Protect from freezing. See Package Insert.

Do not remove overwrap until ready for use. After removing the overwrap, check for minute leaks by squeezing container firmly. If leaks are found, discard solution as sterility may be impaired.

Not made with natural rubber latex, PVC or DEHP. Rx only

EXCEL is a registered trademark of B. Braun Medical Inc.

ly OTHER

BARCODE

BARCODE

794-003-495 LD-156-5

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B BRAUN

B. Braun Medical Inc. Bethlehem, PA 18018-3524 USA 1-800-227-2862

In Canada, distributed by: B. Braun of Canada, Ltd. Scarborough, Ontario M1H 2W4 -9-

PRINCIPAL DISPLAY PANEL - 1000 mL Container Label

0.15% Potassium Chloride in5% Dextrose and0.20% Sodium ChlorideInjection USP

REF L6450 NDC 0264-7645-00 DIN 01931598

1000 mL

EXCEL® CONTAINER

20 mEq K⁺/liter Y94-003-350 LD-506-2

Each 100 mL contains: Hydrous Dextrose USP 5 g; Sodium Chloride USP 0.2 g; Potassium Chloride USP 0.15 g; Water for Injection USP qs

pH: 4.4 (3.5-6.5); Calc. Osmolarity: 360 mOsmol/liter, hypertonic

Electrolytes (mEq/liter): Na⁺ 34; K⁺ 20; Cl⁻ 54

Sterile, nonpyrogenic. Single dose container. Do not use in series connection. For intravenous use only. Use only if solution is clear and container and seals are intact.

WARNINGS: Some additives may be incompatible. Consult with pharmacist. When introducing additives, use aseptic techniques. Mix thoroughly. Do not store.

Recommended Storage: Room temperature (25°C). Avoid excessive heat. Protect from freezing. See Package Insert.

Do not remove overwrap until ready for use. After removing the overwrap, check for minute leaks by squeezing container firmly. If leaks are found, discard solution as sterility may be impaired.

Not made with natural rubber latex, PVC or DEHP.

Rx only



EXCEL is a registered trademark of B. Braun Medical Inc.

B. Braun Medical Inc.

Bethlehem, PA 18018-3524 USA 1-800-227-2862

In Canada, distributed by:

B. Braun of Canada, Ltd.

Scarborough, Ontario M1H 2W4

Y94-003-279 LD-163-3

0.15% Potassium Chloride in 5% Dextrose and 0.20% Sodium Chloride Injection USP

NDC

DIN

REF | L6450

0264-7645-00

01931598

1000 mL EXCEL® CONTAINER

20 mEq K+/liter

Y94-003-350 LD-506-2

Each 100 mL contains: Hydrous Dextrose USP 5 g; Sodium Chloride USP 0.2 g; Potassium Chloride USP 0.15 g; Water for Injection USP qs

pH: 4.4 (3.5-6.5); Calc. Osmolarity: 360 mOsmol/liter, hypertonic

Electrolytes (mEg/liter): Na+ 34; K+ 20; Cl 54

Sterile, nonpyrogenic, Single dose container. Do not use in series connection. For intravenous use only. Use only if solution is clear and container and seals are intact.

WARNINGS: Some additives may be incompatible. Consult with pharmacist. When introducing additives, use aseptic techniques. Mix thoroughly. Do not store.

Recommended Storage: Room temperature (25°C). Avoid excessive heat. Protect from freezing. See Package Insert.

Do not remove overwrap until ready for use. After removing the overwrap, check for minute leaks by squeezing container firmly. If leaks are found, discard solution as sterility may be impaired.

Not made with natural rubber latex, PVC or DEHP.

EXCEL is a registered trademark of B. Braun Medical Inc.

BARCODE

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B BRAUN

B. Braun Medical Inc. Bethlehem, PA 18018-3524 USA 1-800-227-2862

In Canada, distributed by: B. Braun of Canada, Ltd. Scarborough, Ontario M1H 2W4

EXP LOT /94-003-279 LD-163-3

PRINCIPAL DISPLAY PANEL - 1000 mL Container Label

0.15% Potassium Chloride in5% Dextrose and0.9% Sodium ChlorideInjection USP

REF L6520 NDC 0264-7652-00 DIN 01931644 SG SIN13886P

1000 mL

EXCEL® CONTAINER

20 mEq K⁺/liter Y94-003-351 LD-504-2

Each 100 mL contains: Hydrous Dextrose USP 5 g; Sodium Chloride USP 0.9 g; Potassium Chloride USP 0.15 g; Water for Injection USP gs

pH: 4.4 (3.5-6.5); Calc. Osmolarity: 600 mOsmol/liter, hypertonic

Electrolytes (mEq/liter): Na⁺ 154; K⁺ 20; Cl⁻ 174

Sterile, nonpyrogenic. Single dose container. Do not use in series connection. For intravenous use only. Use only if solution is clear and container and seals are intact.

WARNINGS: Some additives may be incompatible. Consult with pharmacist. When introducing additives, use aseptic techniques. Mix thoroughly. Do not store.

Recommended Storage: Room temperature (25°C). Avoid excessive heat. Protect from freezing. See Package Insert.

Do not remove overwrap until ready for use. After removing the overwrap, check for minute leaks by squeezing container firmly. If leaks are found, discard solution as sterility may be impaired.

Not made with natural rubber latex, PVC or DEHP.

Rx only



EXCEL is a registered trademark of B. Braun Medical Inc.

B. Braun Medical Inc.

Bethlehem, PA 18018-3524 USA 1-800-227-2862

In Canada, distributed by:

B. Braun of Canada, Ltd. Scarborough, Ontario M1H 2W4

Y94-003-496 LD-155-5

EXP

LOT

0.15% Potassium Chloride in 5% Dextrose and 0.9% Sodium Chloride Injection USP

REF L6520 NDC 0264-7652-00 DIN 01931644 SG SIN13886P

1000 mL

-0-

-1-

-4-

20 mEq K+/liter

Y94-003-351 LD-504-2

Each 100 mL contains: Hydrous Dextrose USP 5 g; Sodium Chloride USP 0.9 g; Potassium Chloride USP 0.15 g; Water for Injection USP qs

pH: 4.4 (3.5-6.5); Calc. Osmolarity: 600 mOsmol/liter, hypertonic

Electrolytes (mEq/liter): Na+ 154; K+ 20; CI- 174

Sterile, nonpyrogenic. Single dose container. Do not use in series connection. For intravenous use only. Use only if solution is clear and container and seals are intact.

WARNINGS: Some additives may be incompatible. Consult with pharmacist. When introducing additives, use aseptic techniques. Mix thoroughly. Do not store.

Recommended Storage: Room temperature (25°C). Avoid excessive heat. Protect from freezing. See Package Insert.

Do not remove overwrap until ready for use. After removing the overwrap, check for minute leaks by squeezing container firmly. If leaks are found, discard solution as sterility may be impaired.

Not made with natural rubber latex, PVC or DEHP. Rx only

EXCEL is a registered trademark of B. Braun Medical Inc.

OTHER

BARCODE

BARCODE

/94-003-496 LD-155-5

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B BRAUN

B. Braun Medical Inc. Bethlehem, PA 18018-3524 USA 1-800-227-2862

In Canada, distributed by: B. Braun of Canada, Ltd. Scarborough, Ontario M1H 2W4 -9-

dextrose, sodium chloride, and potassium chloride injection

Product Information

Product Type	HUMAN PRESCRIPTION DRUG	Item Code (Source)	NDC:0264-7645
1 Todact Type	HOME IN THE SCHOOL HOLD BY	item code (Source)	1100.02017013

Route of Administration INTRAVENOUS

Active Ingredient/Active Moiety					
Ingredient Name	Basis of Strength	Strength			
DEXTROSE, UNSPECIFIED FORM (UNII: IY9XDZ35W2) (ANHYDROUS DEXTROSE - UNII:5SL0G7R0OK)	DEXTROSE, UNSPECIFIED FORM	5 g in 100 mL			
SODIUM CHLORIDE (UNII: 451W47IQ8X) (SODIUM CATION - UNII:LYR4M0NH37, CHLORIDE ION - UNII:Q32ZN48698)	SODIUM CHLORIDE	0.2 g in 100 mL			
POTASSIUM CHLORIDE (UNII: 660YQ98I10) (POTASSIUM CATION - UNII:295053K152)	POTASSIUM CHLORIDE	0.15 g in 100 mL			

Inactive Ingredients

WATER (UNII: 059QF0KO0R)

P	Packaging							
#	Item Code	Package Description	Marketing Start Date	Marketing End Date				
1	NDC:0264- 7645-00	12 in 1 CASE	02/17/1988					
1		1000 mL in 1 CONTAINER; Type 0: Not a Combination Product						
2	NDC:0264- 7645-10	24 in 1 CASE	02/17/1988	08/06/2004				
2		500 mL in 1 CONTAINER; Type 0: Not a Combination Product						
3	NDC:0264- 7645-20	24 in 1 CASE	02/17/1988	08/31/2015				
3		250 mL in 1 CONTAINER; Type 0: Not a Combination Product						

Marketing Information					
Marketing Category	Application Number or Monograph Citation	Marketing Start Date	Marketing End Date		
NDA	NDA019630	02/17/1988			

POTASSIUM CHLORIDE IN DEXTROSE AND SODIUM CHLORIDE

dextrose, sodium chloride, and potassium chloride injection

Product Information

Product Type	HUMAN PRESCRIPTION DRUG	Item Code (Source)	NDC:0264-7655
Route of Administration	INTRAVENOUS		

Active Ingredient/Active Moiety				
Ingredient Name	Basis of Strength	Strength		
DEXTROSE, UNSPECIFIED FORM (UNII: IY9XDZ35W2) (ANHYDROUS DEXTROSE - UNII:5SL0G7R0OK)	DEXTROSE, UNSPECIFIED FORM	5 g in 100 mL		
SODIUM CHLORIDE (UNII: 451W47IQ8X) (SODIUM CATION - UNII:LYR4M0NH37, CHLORIDE ION - UNII:Q32ZN48698)	SODIUM CHLORIDE	0.33 g in 100 mL		
POTASSIUM CHLORIDE (UNII: 660YQ98I10) (POTASSIUM CATION - UNII:295053K152)	POTASSIUM CHLORIDE	0.15 g in 100 mL		

Inactive Ingredients	
Ingredient Name	Strength
WATER (UNII: 059QF0KO0R)	

Packaging				
# Item Cod	Package Description	Marketing Start Date	Marketing End Date	
NDC:0264- 7655-00	12 in 1 CASE	02/17/1988	07/23/2018	
1	1000 mL in 1 CONTAINER; Type 0: Not a Combination Product			

Marketing Information			
Marketing Category	Application Number or Monograph Citation	Marketing Start Date	Marketing End Date
NDA	NDA019630	02/17/1988	07/23/2018

dextrose, sodium chloride, and potassium chloride injection

Product Information			
Product Type	HUMAN PRESCRIPTION DRUG	Item Code (Source)	NDC:0264-7634
Route of Administration	INTRAVENOUS		

Active Ingredient/Active Moiety				
Ingredient Name	Basis of Strength	Strength		
DEXTROSE, UNSPECIFIED FORM (UNII: IY9XDZ 35W2) (ANHYDROUS DEXTROSE - UNII:5SLOG7ROOK)	DEXTROSE, UNSPECIFIED FORM	5 g in 100 mL		
SODIUM CHLORIDE (UNII: 451W47IQ8X) (SODIUM CATION - UNII:LYR4M0NH37, CHLORIDE ION - UNII:Q32ZN48698)	SODIUM CHLORIDE	0.45 g in 100 mL		
POTASSIUM CHLORIDE (UNII: 660YQ98I10) (POTASSIUM CATION - UNII:295053K152)	POTASSIUM CHLORIDE	0.075 g in 100 mL		

Inactive Ingredients

Ingredient Name	Strength
WATER (UNII: 059QF0KO0R)	

F	Packaging				
#	tem Code	Package Description	Marketing Start Date	Marketing End Date	
1	NDC:0264- 7634-00	12 in 1 CASE	02/17/1988		
1		1000 mL in 1 CONTAINER; Type 0: Not a Combination Product			

Marketing Information			
Marketing Category	Application Number or Monograph Citation	Marketing Start Date	Marketing End Date
NDA	NDA019630	02/17/1988	

dextrose, sodium chloride, and potassium chloride injection

Product Information				
Product Type	HUMAN PRESCRIPTION DRUG	Item Code (Source)	NDC:0264-7635	
Route of Administration	INTRAVENOUS			

Active Ingredient/Active Moiety				
Ingredient Name	Basis of Strength	Strength		
DEXTROSE, UNSPECIFIED FORM (UNII: IY9XDZ 35W2) (ANHYDROUS DEXTROSE - UNII:5SLOG7ROOK)	DEXTROSE, UNSPECIFIED FORM	5 g in 100 mL		
SODIUM CHLORIDE (UNII: 451W47IQ8X) (SODIUM CATION - UNII:LYR4M0NH37, CHLORIDE ION - UNII:Q32ZN48698)	SODIUM CHLORIDE	0.45 g in 100 mL		
POTASSIUM CHLORIDE (UNII: 660YQ98I10) (POTASSIUM CATION - UNII:295053K152)	POTASSIUM CHLORIDE	0.15 g in 100 mL		

Inactive Ingredients		
	Ingredient Name	Strength
WATER (UNII: 059QF0KO0R)		

P	Packaging			
#	Item Code	Package Description	Marketing Start Date	Marketing End Date
1	NDC:0264- 7635-00	12 in 1 CASE	02/17/1988	
1		1000 mL in 1 CONTAINER; Type 0: Not a Combination Product		

Marketing Information			
Marketing	Application Number or Monograph	Marketing Start	Marketing End
Category	Citation	Date	Date

NDA	NDA019630	02/17/1988	

dextrose, sodium chloride, and potassium chloride injection

Product Information

Product Type HUMAN PRESCRIPTION DRUG Item Code (Source) NDC:0264-7636

Route of Administration INTRAVENOUS

Active Ingredient/Active Moiety		
Ingredient Name	Basis of Strength	Strength
DEXTROSE, UNSPECIFIED FORM (UNII: 1Y9XDZ35W2) (ANHYDROUS DEXTROSE - UNII:5SLOG7ROOK)	DEXTROSE, UNSPECIFIED FORM	5 g in 100 mL
SODIUM CHLORIDE (UNII: 451W47IQ8X) (SODIUM CATION - UNII:LYR4M0NH37, CHLORIDE ION - UNII:Q32Z N48698)	SODIUM CHLORIDE	0.45 g in 100 mL
POTASSIUM CHLORIDE (UNII: 660YQ98I10) (POTASSIUM CATION - UNII:295053K152)	POTASSIUM CHLORIDE	0.22 g in 100 mL

Inactive Ingredients

Ingredient Name Strength

WATER (UNII: 059QF0KO0R)

P	Packaging			
#	Item Code	Package Description	Marketing Start Date	Marketing End Date
1	NDC:0264- 7636-00	12 in 1 CASE	02/17/1988	
1		1000 mL in 1 CONTAINER; Type 0: Not a Combination Product		

Marketing Information			
Marketing Category	Application Number or Monograph Citation	Marketing Start Date	Marketing End Date
NDA	NDA019630	02/17/1988	

POTASSIUM CHLORIDE IN DEXTROSE AND SODIUM CHLORIDE

dextrose, sodium chloride, and potassium chloride injection

Product Information			
Product Type	HUMAN PRESCRIPTION DRUG	Item Code (Source)	NDC:0264-7638
Route of Administration	INTRAVENOUS		

Active	Ingredient/Active	Moiety

Ingredient Name	Basis of	Strength
ingredient Name	Strength	Strengti

	DEXTROSE, UNSPECIFIED FORM	5 g in 100 mL
SODIUM CHLORIDE (UNII: 451W47IQ8X) (SODIUM CATION - UNII:LYR4M0NH37, CHLORIDE ION - UNII:Q32ZN48698)		0.45 g in 100 mL
POTASSIUM CHLORIDE (UNII: 660YQ98I10) (POTASSIUM CATION - UNII:295053K152)	POTASSIUM CHLORIDE	0.3 g in 100 mL

Inactive	Ingredients
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Ingredient Name	Strength
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WATER (UNII: 059QF0KO0R)

P	Packaging			
#	Item Code	Package Description	Marketing Start Date	Marketing End Date
1	NDC:0264- 7638-00	12 in 1 CASE	02/17/1988	
1		1000 mL in 1 CONTAINER; Type 0: Not a Combination Product		

Marketing Information			
Marketing Category	Application Number or Monograph Citation	Marketing Start Date	Marketing End Date
NDA	NDA019630	02/17/1988	

POTASSIUM CHLORIDE IN DEXTROSE AND SODIUM CHLORIDE

dextrose, sodium chloride, and potassium chloride injection

Product Information			
Product Type	HUMAN PRESCRIPTION DRUG	Item Code (Source)	NDC:0264-7652
Route of Administration	INTRAVENOUS		

Active Ingredient/Active Moiety			
Ingredient Name	Basis of Strength	Strength	
DEXTROSE, UNSPECIFIED FORM (UNII: IY9XDZ 35W2) (ANHYDROUNII:5SLOG7ROOK)	DUS DEXTROSE - DEXTROSE, UNSPECIFIED FORM	5 g in 100 mL	
SODIUM CHLORIDE (UNII: 451W47IQ8X) (SODIUM CATION - UNII: CHLORIDE ION - UNII:Q32ZN48698)	LYR4M0NH37, SODIUM CHLORIDE	0.9 g in 100 mL	
POTASSIUM CHLORIDE (UNII: 660YQ98I10) (POTASSIUM CATION UNII:295053K152)	POTASSIUM CHLORID	0.15 g in 100 mL	

Inactive Ingredients	
Ingredient Name	Strength
WATER (UNII: 059QF0KO0R)	

	Packaging			
	# Item Code	Package Description	Marketing Start Date	Marketing End Date
Ш	NDC 0064			

12 in 1 CASE	02/17/1988		
1000 mL in 1 CONTAINER; Type 0: Not a Combination Product			
Marketing Information			
Application Number or Monograph Citation	Marketing Start Date	Marketing End Date	
NDA019630	02/17/1988		
	1000 mL in 1 CONTAINER; Type 0: Not a Combination Product Information Application Number or Monograph Citation	1000 mL in 1 CONTAINER; Type 0: Not a Combination Product Information Application Number or Monograph Citation Marketing Start Date	

Labeler - B. Braun Medical Inc. (002397347)

Revised: 3/2024 B. Braun Medical Inc.