

MICRO-K EXTENCAPS - potassium chloride capsule, extended release
MICRO-K 10 EXTENCAPS - potassium chloride capsule, extended release
Ther-Rx Corporation

Micro-K[®] Extencaps[®]
Micro-K[®] 10 Extencaps[®]
(Potassium Chloride Extended-Release Capsules, USP)

U.S. Patent No. 4,259,315
Rx Only
P3511-4 06/05

DESCRIPTION

Micro-K[®] Extencaps[®] Capsules and Micro-K[®] 10 Extencaps[®] Capsules are oral dosage forms of microencapsulated potassium chloride containing 600 and 750 mg, respectively, of potassium chloride, USP, equivalent to 8 and 10 mEq of potassium, respectively.

Dispersibility of potassium chloride (KCl) is accomplished by microencapsulation and a dispersing agent. The resultant flow characteristics of the KCl microcapsules and the controlled release of K⁺ ions by the microcapsular membrane are intended to avoid the possibility that excessive amounts of KCl can be localized at any point on the mucosa of the gastrointestinal tract.

Each crystal of KCl is microencapsulated by a patented process with an insoluble polymeric coating which functions as a semi-permeable membrane; it allows for the controlled release of potassium and chloride ions over an eight-to ten-hour period. Fluids pass through the membrane and gradually dissolve the potassium chloride within the microcapsules. The resulting potassium chloride solution slowly diffuses outward through the membrane. Micro-K[®] and Micro-K[®] 10 are electrolyte replenishers. The chemical name of the active ingredient is potassium chloride and the structural formula is KCl. Potassium chloride, USP, occurs as a white, granular powder or as colorless crystals. It is odorless and has a saline taste. Its solutions are neutral to litmus. It is freely soluble in water and insoluble in alcohol.

The inactive ingredients are edible ink, ethylcellulose, FD&C Blue No. 2 aluminum lake, FD&C Yellow No. 6, gelatin, magnesium stearate, sodium lauryl sulfate, titanium dioxide. May contain FD&C Red No. 40 and Yellow No. 6 aluminum lakes.

CLINICAL PHARMACOLOGY

Potassium ion is the principal intracellular cation of most body tissues. Potassium ions participate in a number of essential physiological processes, including the maintenance of intracellular tonicity, the transmission of nerve impulses, the contraction of cardiac, skeletal, and smooth muscle, and the maintenance of normal renal function.

The intracellular concentration of potassium is approximately 150 to 160 mEq per liter. The normal adult plasma concentration is 3.5 to 5 mEq per liter. An active ion transport system maintains this gradient across the plasma membrane.

Potassium is a normal dietary constituent and under steady-state conditions the amount of potassium absorbed from the gastrointestinal tract is equal to the amount excreted in the urine. The usual dietary intake of potassium is 50 to 100 mEq per day.

Potassium depletion will occur whenever the rate of potassium loss through renal excretion and/or loss from the gastrointestinal tract exceeds the rate of potassium intake. Such depletion usually develops slowly as a consequence of therapy with diuretics, primary or secondary hyperaldosteronisms, diabetic

ketoacidosis, or inadequate replacement of potassium in patients on prolonged parenteral nutrition. Depletion can develop rapidly with severe diarrhea, especially if associated with vomiting. Potassium depletion due to these causes is usually accompanied by a concomitant loss of chloride and is manifested by hypokalemia and metabolic alkalosis. Potassium depletion may produce weakness, fatigue, disturbances of cardiac rhythm (primarily ectopic beats), prominent U-waves in the electrocardiogram, and in advanced cases, flaccid paralysis and/or impaired ability to concentrate urine.

If potassium depletion associated with metabolic alkalosis cannot be managed by correcting the fundamental cause of the deficiency, e.g., where the patient requires long-term diuretic therapy, supplemental potassium in the form of high potassium food or potassium chloride may be able to restore normal potassium levels.

In rare circumstances (e.g., patients with renal tubular acidosis) potassium depletion may be associated with metabolic acidosis and hyperchloremia. In such patients potassium replacement should be accomplished with potassium salts other than the chloride, such as potassium bicarbonate, potassium citrate, potassium acetate, or potassium gluconate.

INDICATIONS AND USAGE

BECAUSE OF REPORTS OF INTESTINAL AND GASTRIC ULCERATION AND BLEEDING WITH CONTROLLED-RELEASE POTASSIUM CHLORIDE PREPARATIONS, THESE DRUGS SHOULD BE RESERVED FOR THOSE PATIENTS WHO CANNOT TOLERATE OR REFUSE TO TAKE LIQUID OR EFFERVESCENT POTASSIUM PREPARATIONS OR FOR PATIENTS IN WHOM THERE IS A PROBLEM OF COMPLIANCE WITH THESE PREPARATIONS.

1. For the treatment of patients with hypokalemia with or without metabolic alkalosis, in digitalis intoxications, and in patients with hypokalemic familial periodic paralysis. If hypokalemia is the result of diuretic therapy, consideration should be given to the use of a lower dose of diuretic, which may be sufficient without leading to hypokalemia.
2. For the prevention of hypokalemia in patients who would be at particular risk if hypokalemia were to develop e.g., digitalized patients or patients with significant cardiac arrhythmias, hepatic cirrhosis with ascites, states of aldosterone excess with normal renal function, potassium-losing nephropathy, and certain diarrheal states.

The use of potassium salts in patients receiving diuretics for uncomplicated essential hypertension is often unnecessary when such patients have a normal dietary pattern and when low doses of the diuretic are used. Serum potassium should be checked periodically, however, and if hypokalemia occurs, dietary supplementation with potassium-containing foods may be adequate to control milder cases. In more severe cases, and if dose adjustment of the diuretic is ineffective or unwarranted, supplementation with potassium salts may be indicated.

CONTRAINDICATIONS

Potassium supplements are contraindicated in patients with hyperkalemia since a further increase in serum potassium concentration in such patients can produce cardiac arrest. Hyperkalemia may complicate any of the following conditions: chronic renal failure, systemic acidosis such as diabetic acidosis, acute dehydration, extensive tissue breakdown as in severe burns, adrenal insufficiency, or the administration of a potassium-sparing diuretic (e.g., spironolactone, triamterene, amiloride) (see **OVERDOSAGE**).

Controlled-release formulations of potassium chloride have produced esophageal ulceration in certain cardiac patients with esophageal compression due to an enlarged left atrium. Potassium supplementation, when indicated in such patients, should be given as a liquid preparation.

All solid oral dosage forms of potassium chloride are contraindicated in any patient in whom there is structural, pathological (e.g., diabetic gastroparesis) or pharmacologic (use of anticholinergic agents

or other agents with anticholinergic properties at sufficient doses to exert anticholinergic effects) cause for arrest or delay in capsule passage through the gastrointestinal tract.

WARNINGS

Hyperkalemia (see OVERDOSAGE)

In patients with impaired mechanisms for excreting potassium, the administration of potassium salts can produce hyperkalemia and cardiac arrest. This occurs most commonly in patients given potassium by the intravenous route but may also occur in patients given potassium orally. Potentially fatal hyperkalemia can develop rapidly and be asymptomatic. The use of potassium salts in patients with chronic renal disease, or any other condition which impairs potassium excretion, requires particularly careful monitoring of the serum potassium concentration and appropriate dosage adjustments.

Interaction with Potassium-Sparing Diuretics

Hypokalemia should not be treated by the concomitant administration of potassium salts and a potassium-sparing diuretic (e.g., spironolactone, triamterene, or amiloride), since the simultaneous administration of these agents can produce severe hyperkalemia.

Interaction with Angiotensin Converting Enzyme Inhibitors

Angiotensin converting enzyme (ACE) inhibitors (e.g., captopril, enalapril) will produce some potassium retention by inhibiting aldosterone production. Potassium supplements should be given to patients receiving ACE inhibitors only with close monitoring.

Gastrointestinal Lesions

Solid oral dosage forms of potassium chloride can produce ulcerative and/or stenotic lesions of the gastrointestinal tract. Based on spontaneous adverse reaction reports, enteric-coated preparations of potassium chloride are associated with an increased frequency of small bowel lesions (40 - 50 per 100,000 patient years) compared to sustained-release wax matrix formulations (less than one per 100,000 patient years). Because of the lack of extensive marketing experience with microencapsulated products, a comparison between such products and wax matrix or enteric-coated products is not available. Micro-K[®] Extencaps[®] and Micro-K[®] 10 Extencaps[®] are microencapsulated capsules formulated to provide a controlled rate of release of microencapsulated potassium chloride and thus to minimize the possibility of high local concentration of potassium near the gastrointestinal wall.

Prospective trials have been conducted in normal human volunteers in which the upper gastrointestinal tract was evaluated by endoscopic inspection before and after one week of solid oral potassium chloride therapy. The ability of this model to predict events occurring in usual clinical practice is unknown. Trials which approximated usual clinical practice did not reveal any clear differences between the wax matrix and microencapsulated dosage forms. In contrast, there was a higher incidence of gastric and duodenal lesions in subjects receiving a high dose of a wax matrix controlled-release formulation under conditions which did not resemble usual or recommended clinical practice (i.e., 96 mEq per day in divided doses of potassium chloride administered to fasted patients, in the presence of an anticholinergic drug to delay gastric emptying). The upper gastrointestinal lesions observed by endoscopy were asymptomatic and were not accompanied by evidence of bleeding (hemoccult testing). The relevance of these findings to the usual conditions (i.e., non-fasting, no anticholinergic agent, smaller doses) under which controlled-release potassium chloride products are used is uncertain; epidemiologic studies have not identified an elevated risk, compared to microencapsulated products, for upper gastrointestinal lesions in patients receiving wax matrix formulations. Micro-K[®] Extencaps[®] and Micro-K[®] 10 Extencaps[®] should be discontinued immediately and the possibility of ulceration, obstruction or perforation considered if severe vomiting, abdominal pain, distention, or gastrointestinal bleeding occur.

Metabolic Acidosis

Hypokalemia in patients with metabolic acidosis should be treated with an alkalinizing potassium salt such as potassium bicarbonate, potassium citrate, potassium acetate, or potassium gluconate.

PRECAUTIONS:

General

The diagnosis of potassium depletion is ordinarily made by demonstrating hypokalemia in a patient with a clinical history suggesting some cause for potassium depletion. In interpreting the serum potassium level, the physician should bear in mind that acute alkalosis per se can produce hypokalemia in the absence of a deficit in total body potassium, while acute acidosis per se can increase the serum potassium concentration into the normal range even in the presence of a reduced total body potassium. The treatment of potassium depletion, particularly in the presence of cardiac disease, renal disease, or acidosis, requires careful attention to acid-base balance and appropriate monitoring of serum electrolytes, the electrocardiogram, and the clinical status of the patient.

Information for Patients

Physicians should consider reminding the patient of the following: To take each dose with meals and with a full glass of water or other suitable liquid. To take each dose without crushing, chewing, or sucking the capsules. To take this medicine following the frequency and amount prescribed by the physician. This is especially important if the patient is also taking diuretics and/or digitalis preparations. To check with the physician if there is trouble swallowing capsules or if the capsules seem to stick in the throat.

To check with the physician at once if tarry stools or other evidence of gastrointestinal bleeding is noticed.

Laboratory Tests

Regular serum potassium determinations are recommended, especially in patients with renal insufficiency or diabetic nephropathy. When blood is drawn for analysis of plasma potassium it is important to recognize that artifactual elevations can occur after improper venipuncture technique or as a result of in vitro hemolysis of the sample.

Drug Interactions

Potassium-sparing diuretics, angiotensin converting enzyme inhibitors (see **WARNINGS**).

Carcinogenesis, Mutagenesis, Impairment of Fertility

Carcinogenicity, mutagenicity and fertility studies in animals have not been performed. Potassium is a normal dietary constituent.

Pregnancy

Teratogenic Effects: Category C Animal reproduction studies have not been conducted with Micro-K[®]. It is unlikely that potassium supplementation that does not lead to hyperkalemia would have an adverse effect on the fetus or would affect reproductive capacity.

Nursing Mothers

The normal potassium ion content of human milk is about 13 mEq per liter. Since oral potassium becomes part of the body potassium pool, so long as body potassium is not excessive, the contribution of potassium chloride supplementation should have little or no effect on the level in human milk.

Pediatric Use

Safety and effectiveness in pediatric patients have not been established.

Geriatric Use

Clinical studies of potassium chloride extended-release capsules 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 the 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.

This drug is known to be substantially excreted by the kidney, and the risk of toxic reactions to this drug 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.

ADVERSE REACTIONS

One of the most severe adverse effects is hyperkalemia (see **CONTRAINDICATIONS**, **WARNINGS**, and **OVERDOSAGE**). Gastrointestinal bleeding and ulceration have been reported in patients treated with Micro-K[®] Extencaps[®] (see **CONTRAINDICATIONS** and **WARNINGS**). In addition to gastrointestinal bleeding and ulceration, perforation and obstruction have been reported in patients treated with other solid KCl dosage forms, and may occur with Micro-K[®] Extencaps[®].

The most common adverse reactions to the oral potassium salts are nausea, vomiting, flatulence, abdominal discomfort, and diarrhea. These symptoms are due to irritation of the gastrointestinal tract and are best managed by taking the dose with meals, or reducing the amount taken at one time. Skin rash has been reported rarely with potassium preparations.

OVERDOSAGE

The administration of oral potassium salts to persons with normal excretory mechanisms for potassium rarely causes serious hyperkalemia. However, if excretory mechanisms are impaired or if potassium is administered too rapidly intravenously, potentially fatal hyperkalemia can result (see **CONTRAINDICATIONS** and **WARNINGS**). It is important to recognize that hyperkalemia is usually asymptomatic and may be manifested only by an increased serum potassium concentration (6.5 - 8.0 mEq/L) and characteristic electrocardiographic changes (peaking of T-waves, loss of P-waves, depression of ST segment, and prolongation of the QT interval). Late manifestations include muscle paralysis and cardiovascular collapse from cardiac arrest (9 - 12 mEq/L).

Treatment measures for hyperkalemia include the following: (1) elimination of foods and medications containing potassium and of any agents with potassium-sparing properties; (2) intravenous administration of 300 to 500 mL/hr of 10% dextrose solution containing 10 to 20 units of crystalline insulin per 1,000 mL; (3) correction of acidosis, if present, with intravenous sodium bicarbonate; (4) use of exchange resins, hemodialysis, or peritoneal dialysis. In treating hyperkalemia, it should be recalled that in patients who have been stabilized on digitalis, too rapid a lowering of the serum potassium concentration can produce digitalis toxicity.

The extended release feature means that absorption and toxic effects may be delayed for hours. Consider standard measures to remove any unabsorbed drug.

DOSAGE AND ADMINISTRATION

The usual dietary intake of potassium by the average adult is 50 to 100 mEq per day. Potassium depletion sufficient to cause hypokalemia usually requires the loss of 200 mEq or more of potassium

from the total body store.

Dosage must be adjusted to the individual needs of each patient. The dose for the prevention of hypokalemia is typically in the range of 20 mEq per day. Doses of 40 to 100 mEq per day or more are used for the treatment of potassium depletion. Dosage should be divided if more than 20 mEq per day is given such that no more than 20 mEq is given in a single dose. Because of the potential for gastric irritation (see **WARNINGS**), Micro-K[®] Extencaps[®] should be taken with meals and with a full glass of water or other liquid.

Patients who have difficulty swallowing capsules may sprinkle the contents of the capsule onto a spoonful of soft food. The soft food, such as applesauce or pudding, should be swallowed immediately without chewing and followed with a glass of cool water or juice to ensure complete swallowing of the microcapsules. The food used should not be hot and should be soft enough to be swallowed without chewing. Any microcapsule/food mixture should be used immediately and not stored for future use.

HOW SUPPLIED

Micro-K[®] Extencaps containing 600 mg of microencapsulated potassium chloride (equivalent to 8 mEq K), are pale orange capsules, imprinted "Micro-K" on the cap and "Ther-Rx 010" on the body, packaged as follows:

NDC 64011-010-04 bottle of 100 capsules

NDC 64011-010-08 bottle of 500 capsules

NDC 64011-010-11 Dis-Co[®] unit dose packages of 100 capsules

Micro-K[®] 10 Extencaps[®] containing 750 mg of microencapsulated potassium chloride (equivalent to 10 mEq K), are pale orange and opaque white capsules, imprinted "Micro-K 10" on the cap and "Ther-Rx 009" on the body, packaged as follows:

NDC 64011-009-04 bottle of 100 capsules

NDC 64011-009-08 bottle of 500 capsules

NDC 64011-009-11 Dis-Co[®] unit dose packages of 100 capsules

Store at controlled room temperature 20°-25°C (68°-77°F).

Dispense in tight container.

Mkt'd. by Ther-Rx Corp. St. Louis, MO 63044

06/05

P3511-4

NDC 64011-010-04 100 Capsules

Micro-K

Extencaps

(potassium chloride)

(600 mg)

8 mEq K

Rx Only Ther-Rx Corporation

U.S. Patent 4,259,315 NDC 64011-010-04 100 Capsules

Micro-K® Extencaps® contain microencapsulated KCl and are designed to release the active ingredient over an 8- to 10-hour period.

**Micro-K
Extencaps®**
(potassium chloride)

**(600 mg)
8 mEq K**

USUAL DOSAGE: See accompanying package insert for full prescribing information.

Dispense in a tight container as defined in the USP.

Store at controlled room temperature 20° - 25°C (68° - 77°F).

Mkt'd. by
Ther-Rx Corp.
St. Louis, MO 63044

Rx Only *Ther-Rx*
CORPORATION

P2607-3 05/05

NDC 64011-010-08 500 Capsules

**Micro-K
Extencaps**
(potassium chloride)

(600 mg)
8 mEq K

Rx Only Ther-Rx Corporation

U.S. Patent No. 4,259,315 NDC 64011-010-08 500 Capsules

Micro-K® Extencaps® contain microencapsulated KCl and are designed to release the active ingredient over an 8- to 10-hour period.

**Micro-K
Extencaps®**
(potassium chloride)

**(600 mg)
8 mEq K**

Bulk Container-Not for household dispensing.

USUAL DOSAGE: See accompanying package insert for full prescribing information.

Dispense in a tight container as defined in the USP.

Store at controlled room temperature 20° - 25°C (68° - 77°F).

Mkt'd. by
Ther-Rx Corp.
St. Louis, MO 63044

Rx Only *Ther-Rx*
CORPORATION

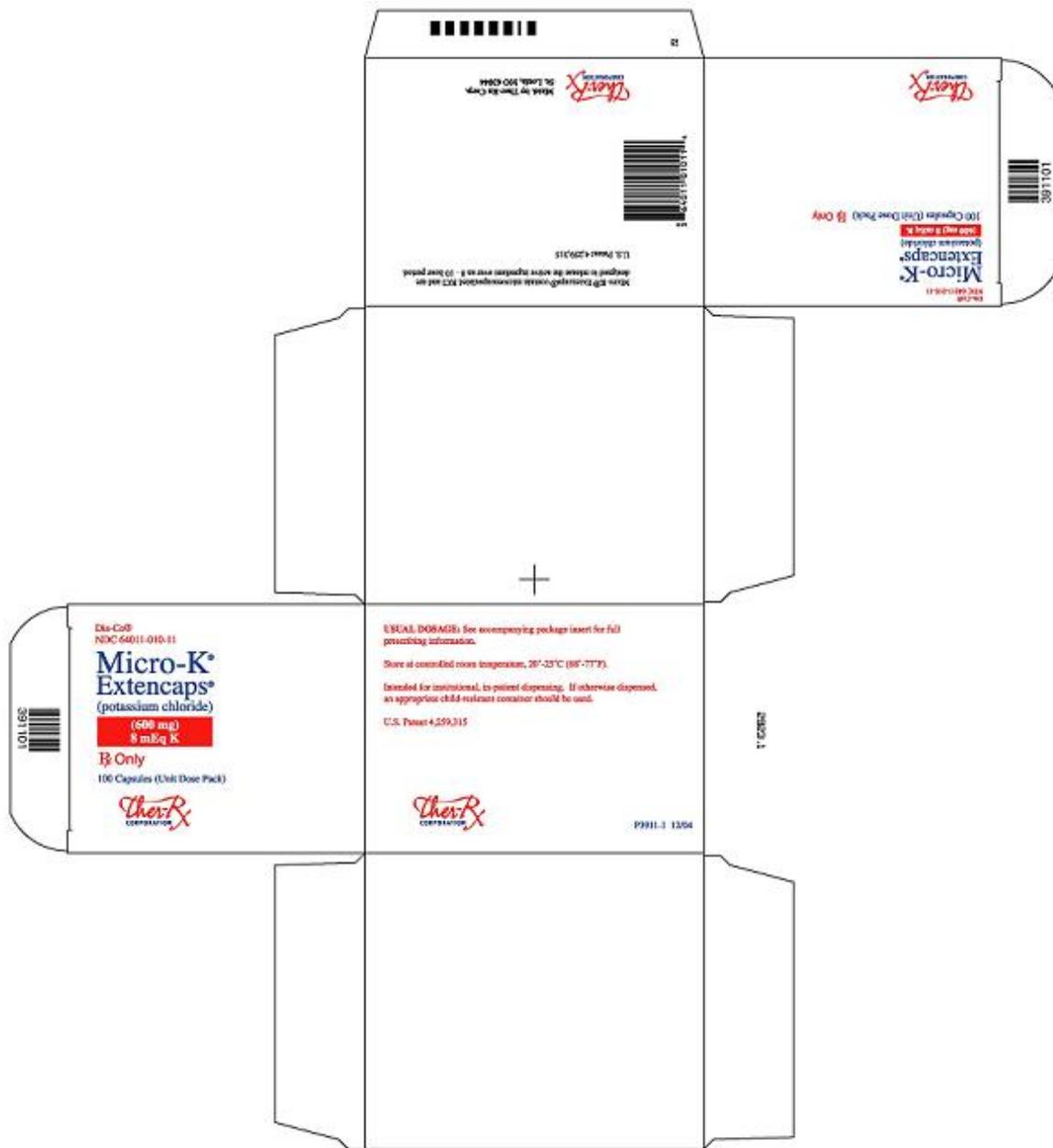
P3509-2 05/05

Dis-Co
NDC 64011-010-11

**Micro-K
Extencaps**
(potassium chloride)

(600 mg)
8 mEq K

Rx Only
100 Capsules (Unit Dose Pack)
Ther-Rx Corporation



NDC 64011-009-04 100 Capsules

Micro-K 10
Extencaps

(potassium chloride)

(750 mg)

10 mEq K

Rx Only Ther-Rx Corporation

U.S. Patent 4,259,315

NDC 64011-009-04 100 Capsules

Micro-K[®] 10 Extencaps[®]
(potassium chloride)

**(750 mg)
10 mEq K**

Micro-K[®] 10 Extencaps[®] contain microencapsulated KCl and are designed to release the active ingredient over an 8- to 10-hour period.

USUAL DOSAGE: See accompanying package insert for full prescribing information.

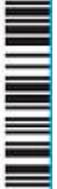
Dispense in a tight container as defined in the USP.

Store at controlled room temperature 20° - 25°C (68° - 77°F).

Mkt'd. by
Ther-Rx Corp.
St. Louis, MO 63044

Rx Only **Ther-Rx**
CORPORATION

P3501-3 05/05



NDC 64011-009-08 500 Capsules

Micro-K 10

Extencaps

(potassium chloride)

(750 mg)

10 mEq K

Rx Only Ther-Rx Corporation

U.S. Patent No. 4,259,315

NDC 64011-009-08 500 Capsules

Micro-K[®] 10 Extencaps[®]
(potassium chloride)

**(750 mg)
10 mEq K**

Micro-K[®] 10 Extencaps[®] contain microencapsulated KCl and are designed to release the active ingredient over an 8- to 10-hour period.

Bulk Container-Not for household dispensing.

USUAL DOSAGE: See accompanying package insert for full prescribing information.

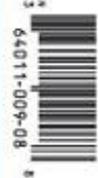
Dispense in a tight container as defined in the USP.

Store at controlled room temperature 20° - 25°C (68° - 77°F).

Mkt'd. by
Ther-Rx Corp.
St. Louis, MO 63044

Rx Only **Ther-Rx**
CORPORATION

P3503-2 07/05



Dis-Co

NDC 64011-009-11

Micro-K

Extencaps

(potassium chloride)

(750 mg)
10 mEq K

Rx Only
100 Capsules (Unit Dose Pack)
Ther-Rx Corporation

Product Information

Product Type	HUMAN PRESCRIPTION DRUG	Item Code (Source)	NDC:640 11-0 10
Route of Administration	ORAL		

Active Ingredient/Active Moiety

Ingredient Name	Basis of Strength	Strength
POTASSIUM CHLORIDE (UNII: 660YQ98I10) (POTASSIUM CATION - UNII:295O53K152)	POTASSIUM CHLORIDE	600 mg

Inactive Ingredients

Ingredient Name	Strength
ETHYLCELLULOSE (100 CPS) (UNII: 47MLB0F1MV)	
FD&C BLUE NO. 2 (UNII: L06K8R7DQK)	
FD&C YELLOW NO. 6 (UNII: H77VEI93A8)	
GELATIN (UNII: 2G86QN327L)	
MAGNESIUM STEARATE (UNII: 70097M6I30)	
SODIUM LAURYL SULFATE (UNII: 368GB5141J)	
TITANIUM DIOXIDE (UNII: 15FIX9V2JP)	
FD&C RED NO. 40 (UNII: WZB9127XOA)	

Product Characteristics

Color	ORANGE (orange)	Score	no score
Shape	CAPSULE (CAPSULE)	Size	23mm
Flavor		Imprint Code	Micro;k;Ther;Rx;0 10
Contains			

Packaging

#	Item Code	Package Description	Marketing Start Date	Marketing End Date
1	NDC:640 11-0 10-04	100 in 1 BOTTLE		
2	NDC:640 11-0 10-08	500 in 1 BOTTLE		
3	NDC:640 11-0 10-11	100 in 1 BLISTER PACK		

Marketing Information

Marketing Category	Application Number or Monograph Citation	Marketing Start Date	Marketing End Date
NDA	NDA0 18238	08/01/2009	

MICRO-K 10 EXTENCAPS

potassium chloride capsule, extended release

Product Information

Product Type	HUMAN PRESCRIPTION DRUG	Item Code (Source)	NDC:640 11-0 09
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Route of Administration ORAL

Active Ingredient/Active Moiety

Ingredient Name	Basis of Strength	Strength
POTASSIUM CHLORIDE (UNII: 660YQ98110) (POTASSIUM CATION - UNII:295O53K152)	POTASSIUM CHLORIDE	750 mg

Inactive Ingredients

Ingredient Name	Strength
ETHYLCELLULOSE (100 CPS) (UNII: 47MLB0F1MV)	
FD&C BLUE NO. 2 (UNII: L06K8R7DQK)	
FD&C YELLOW NO. 6 (UNII: H77VEI93A8)	
GELATIN (UNII: 2G86QN327L)	
MAGNESIUM STEARATE (UNII: 70097M6I30)	
SODIUM LAURYL SULFATE (UNII: 368GB5141J)	
TITANIUM DIOXIDE (UNII: 15FIX9V2JP)	
FD&C RED NO. 40 (UNII: WZB9127XOA)	

Product Characteristics

Color	ORANGE (orange) , WHITE (white)	Score	no score
Shape	CAPSULE (CAPSULE)	Size	23mm
Flavor		Imprint Code	Micro;K;Ther;Rx;009
Contains			

Packaging

#	Item Code	Package Description	Marketing Start Date	Marketing End Date
1	NDC:640 11-009-04	100 in 1 BOTTLE		
2	NDC:640 11-009-08	500 in 1 BOTTLE		
3	NDC:640 11-009-11	100 in 1 BLISTER PACK		

Marketing Information

Marketing Category	Application Number or Monograph Citation	Marketing Start Date	Marketing End Date
NDA	NDA018238	08/01/2009	

Labeler - Ther-Rx Corporation (055041706)

Registrant - KV Pharmaceutical (006291405)

Establishment

Name	Address	ID/FEI	Business Operations
KV Pharmaceutical		161097225	manufacture

Establishment			
Name	Address	ID/FEI	Business Operations
KV Pharmaceutical		034060843	analysis

Establishment			
Name	Address	ID/FEI	Business Operations
KV Pharmaceutical		152053658	manufacture

Revised: 12/2009

Ther-Rx Corporation