

**1. PRODUCT IDENTIFICATION**

<b>COMMON NAME:</b>	Microencapsulated potassium chloride
<b>CHEMICAL NAME:</b>	Blend/mixture of compounds (See Section 2)
<b>PRODUCT DESCRIPTION:</b>	Capsules containing potassium chloride
<b>FORMULA:</b>	KCl
<b>CAS #:</b>	Mixture, See Section 2
<b>MANUFACTURED FOR THER-RX CORPORATION BY:</b>	KV Pharmaceutical Co.
<b>CITY, STATE, ZIP CODE:</b>	St. Louis, MO 63044
<b>INFORMATION TELEPHONE:</b>	(314) 645-6600
<b>EMERGENCY TELEPHONE:</b>	CHEMTREC (800) 424-9300

**2. HAZARDOUS INGREDIENTS - COMPOSITION/INFORMATION**

COMPOUND	CAS NUMBER	PERCENTAGE RANGE	OSHA-PEL	ACGIH-TLV
Potassium chloride	7447-40-7		15 mg/m <sup>3</sup> (total dust) 5 mg/m <sup>3</sup> (respirable dust)	Not established

**3. HAZARDS IDENTIFICATION**

Skin contact with powder may cause irritation. Eye contact with powder may cause irritation.

**4. FIRST AID MEASURES**

**EYE:** Flush eyes with large amounts of lukewarm water for 15 minutes. If irritation persists, seek medical attention.

**SKIN:** Remove by wiping and wash skin thoroughly with soap and water. If irritation persists, seek medical attention.

**INGESTION:** Not a primary route of overexposure. Do not induce vomiting. Drink copious amounts of water. Get medical attention immediately.

**INHALATION:** Remove to fresh air. If breathing is difficult, administer oxygen (by qualified medical personnel only). If breathing has stopped, give artificial respiration. Seek immediate medical attention.

**5. FIRE FIGHTING MEASURES****FLAMMABLE PROPERTIES**

FLASH POINT: Not applicable

FLAMMABLE LIMITS: Not applicable

NFPA HAZARD CLASSIFICATION:

HEALTH: 2

FLAMMABILITY: 1

REACTIVITY: 0

EXTINGUISHING MEDIA: Use media appropriate for surrounding fire.

FIRE AND EXPLOSION HAZARDS: Not known

FIRE FIGHTING INSTRUCTIONS: Use firefighting measures which suit the environment and take into account other materials which may be involved. Wear self-contained breathing apparatus and protective clothing. If fire is in areas where large amounts of product are stored, evacuate to a safe distance in all directions.

**6. ACCIDENTAL RELEASE MEASURES**

Use appropriate tools to put the caplets in a convenient waste disposal container. Finish cleaning by spreading water on the contaminated surface and dispose of according to local and regional authority requirements. Use a shovel for large spills. If the caplets have broken open, use a HEPA vacuum to collect the powder. Do not dry sweep.

**7. HANDLING AND STORAGE**

Store in cool, dry area away from heat sources. Keep containers tightly closed when not in use. Avoid eye contact and repeated or prolonged skin contact. Protect containers from physical damage. Store upright and prevent containers from being knocked over.

**8. EXPOSURE CONTROLS / PERSONAL PROTECTION**

ENGINEERING CONTROLS: General ventilation used in combination with local exhaust as necessary to control air contaminants at or below irritant levels.

RESPIRATORY PROTECTION: Under normal working conditions in well-ventilated spaces, no respiratory protection is necessary.

EYE PROTECTION: Avoid eye contact. Safety glasses are acceptable for ordinary product usage.

SKIN PROTECTION: Avoid prolonged or repeated contact with skin. Wash thoroughly after exposure. Gloves may be worn to reduce contact.

**9. PHYSICAL AND CHEMICAL PROPERTIES**

<b>APPEARANCE:</b>	Potassium chloride is a white, granular powder
<b>ODOR:</b>	Odorless
<b>BOILING POINT:</b>	Not available
<b>VAPOR PRESSURE:</b>	Not applicable
<b>VAPOR DENSITY (Air = 1):</b>	Not available
<b>SOLUBILITY IN WATER:</b>	Soluble in water, insoluble in alcohol
<b>SPECIFIC GRAVITY (Water = 1):</b>	Unknown
<b>MELTING POINT:</b>	Not available
<b>pH:</b>	Neutral
<b>% VOLATILE:</b>	Not available

**10. STABILITY AND REACTIVITY**

**STABILITY:** Stable under recommended storage conditions.

**INCOMPATIBLE MATERIALS/CONDITIONS:** Unknown

**HAZARDOUS DECOMPOSITION PRODUCTS:** Unknown

**HAZARDOUS POLYMERIZATION:** Will not occur.

**11. TOXICOLOGICAL INFORMATION**

**INHALATION:** No LC<sub>50</sub> data is available for this material.

**SKIN AND EYE:** No LD<sub>50</sub> data is available for this material.

**ORAL:** No LD<sub>50</sub> data is available for this material.

**12. ECOLOGICAL INFORMATION**

Unknown.

**13. DISPOSAL CONSIDERATIONS**



**Material Safety Data Sheet for  
Potassium Chloride Extended-Release Capsules, USP  
8 mEq (600mg) and 10 mEq (750 mg)**

Recycle, reclaim, or dispose of in accordance with applicable state, local, and federal regulations.

**Material Safety Data Sheet for  
Potassium Chloride Extended-Release Capsules, USP  
8 mEq (600mg) and 10 mEq (750 mg)**

**14. TRANSPORT INFORMATION**

**DOT PROPER SHIPPING NAME:** Not regulated by DOT  
**DOT HAZARD CLASS:** Not applicable  
**UN IDENTIFICATION NUMBER:** Not applicable

**15. REGULATORY INFORMATION**

**WHMIS CLASSIFICATION:** This product has not been classified in accordance with the hazard criteria of the *Controlled Products Regulations* and the MSDS contains all the information required by the *Controlled Products Regulations*.

**TSCA INVENTORY:** Potassium chloride is listed on the TSCA inventory.

**SARA TITLE III – SECTION 313 SUPPLIER NOTIFICATION:** This product does not contain ingredients subject to the reporting requirements of section 313 of the Emergency Planning and Community Right-To-Know Act (EPCRA) of 1986 and 40 CFR 372.

**CALIFORNIA PROPOSITION 65:** This product does not contain ingredients known to the State of California to cause cancer or reproductive toxicity.

Canadian Domestic Controlled Substances List – Yes (potassium chloride)  
 R36/38 – Irritating to eyes and skin.

**16. OTHER INFORMATION**

**KEY:**  
 ACGIH: American Conference of Governmental Industrial Hygienists  
 CAS: Chemical Abstracts Service  
 DOT: Department of Transportation  
 HEPA: High-efficiency Particulate Air  
 NFPA: National Fire Protection Association  
 OSHA: Occupational Safety and Health Administration  
 PEL: Permissible Exposure Limit  
 SARA: Superfund Amendments and Reauthorization Act  
 TLV: Threshold Limit Value  
 WHMIS: Workplace Hazardous Materials Information System

**DISCLAIMER**

The information in this MATERIAL SAFETY DATA SHEET should be provided to all who will use, handle, store, transport, or otherwise be exposed to this material. This information has been prepared for the guidance of plant engineering, operations, and management, and for persons working with or handling this material. KV Pharmaceutical Co. believes this information to be reliable and up-to-date as of the date of publication, but makes no warranty that it is.