**Material Safety Data Sheet**

**KCI**

**Section 1 - Chemical Product and Company Identification**

**MSDS Name:** Potassium chloride  
**Catalog Number(s):**  
**Acid Number:**  
**Dilution Point:**  
**Boiling Point:**  
**Flash Point:** Not applicable  
**Explosion Limits:** Lower: Not applicable  
**Upper: Not applicable**  
**NFPA Rating:**  
**Health:** 2, flammability: 0, instability: 0  
**Section 6 - Accidental Release Measures**  
**General Information:** Use in emergency, use protective equipment.  
**Spills/Leaks:** Avoid breathing dust.  

**Section 7 - Handling and Storage**

**Handling:** Remove contaminated clothing and wash before reuse. Minimize dust generation and accumulation. Avoid contact with eyes, skin, and clothing. Keep container tightly closed. Avoid ingestion and inhalation. Use with adequate ventilation.  
**Storage:** Store in a cool, dry place. Store protected from moisture.  

**Section 8 - Exposure Controls, Personal Protection**

**Personal Protective Equipment:**  
**Eyes:** Wear appropriate protective eyeglasses or chemical safety goggles as described by OSHA's eye and face protection regulations in 29 CFR 1910.133 or European Standard EN 166.  
**Skin:** Wear appropriate protective gloves to prevent skin exposure.  
**Clothing:** Wear appropriate protective clothing to prevent skin exposure.  

**Respirators:** For respiratory protection that meets OSHA's 29 CFR 1910.134 and ANSI Z88.2-1989 requirements or European Standard EN 140 must be followed whenever workplace conditions demand.  

**Section 9 - Physical and Chemical Properties**  
**Color:** White.  
**Odor:** Odorless.  
**Vapor Pressure:** Not available.  
**Vapor Density:** Not available.  
**Viscosity:** Not available.  
**Sublimation Temperature:** Not available.  
**Freezing/Melting Point:** 773 deg C (1,423,400°F).  
**Solubility in Water:** Soluble.  
**Specific Gravity/Density:** 2.97.  
**Molecular Formula:** CCl.  
**Molecular Weight:** 74.54.  

**Section 10 - Stability and Reactivity**  
**Chemical Stability:** Stable under normal temperatures and pressures. 

**Conditions to Avoid:** Dust generation, excess heat, exposure to moist air or water. Incompatible with other materials. 

**Section 11 - Toxicological Information**  
**RTECS:**  
**CAS:** 7447-40-7  
**LDS:**  
**LD50/LC50:**  
**LD50:** 500 mg/kg.  
**Oral:** 1,500 mg/kg.  
**LD50:** 2400 mg/kg.  

**Section 12 - Ecological Information**
Chemical waste generators must determine whether a discarded chemical is classified as a hazardous waste. US EPA guidelines for the classification determination are listed in 40 CFR Part 261.3. Additionally, waste generators must consult state and local hazardous waste regulations to ensure complete and accurate classifications.

Section 13 - Disposal Considerations

Chemical waste generators must determine whether a discarded chemical is classified as a hazardous waste. US EPA guidelines for the classification determination are listed in 40 CFR Part 261.3. Additionally, waste generators must consult state and local hazardous waste regulations to ensure complete and accurate classifications.

Section 14 - Transport Information

DOT Shipping Name: Not regulated as a hazardous material
Hazard Class: UN Number: Packing Group:

Canada TDI
Shipping Name: Not available
Hazard Class: UN Number: Packing Group:

Section 15 - Regulatory Information

US Federal TSCA
CAS# 7447-40-7 is listed on the TSCA Inventory.
Neither the chemicals are on the Health & Safety Reporting List.
Chemical Test Rules
None of the chemicals in this product are under a Chemical Test Rule.
Section 12B
None of the chemicals are listed under TSCA Section 12B.

TSCA Significant New Use Rule
None of the chemicals in this material have a SNUR under TSCA.
CERCLA Hazardous Substances and corresponding RQs
None of the chemicals in this material have an RQ.

SARA Section 302 Extremely Hazardous Substances
None of the chemicals in this product have a TPQ.
SARA Codes
CAS# 7447-40-7: acute.
Section 313
This material contains Potassium chloride (listed as Water Dissociable Nitrate Compound). 100%. (CAS# 7447-40-7) which is subject to the reporting requirements of Section 313 of SARA Title III and 40 CFR Part 372.
This material does not contain any hazardous air pollutants.
This material does not contain any Class 1 Ozone depleters.
This material does not contain any Class 2 Ozone depleters.

Clean Water Act
None of the chemicals in this product are listed as Hazardous Substances under the CWA.
None of the chemicals in this product are listed as Priority Pollutants under the CWA.
None of the chemicals in this product are listed as Toxic Pollutants under the CWA.

OSHA

STATE
Potassium chloride is not present on state lists from CA, PA, NH, MA, FL, or NJ.
California Prop 65
California No Significant Risk Level:
None of the chemicals in this product are listed.
European/International Regulations
European Labeling in Accordance with EC Directives
Hazard Symbols: X
Risk Phrases: R 36 Irritating to eyes.
Safety Phrases: S 26 In case of contact with eyes, rinse immediately with plenty of water and seek medical advice.
S 39 Wear eye/face protection.

Mexico (Water Hazard/Protection)
CAS# 7447-40-7 is listed on Mexico's DBL List
Canadian NMHS Classifications: DSB
This product has been classified in accordance with the hazard criteria of the Controlled Products Regulations and the MDDB contains all of the information required by those regulations.
CAS# 7447-40-7 is not listed on Canada's Ingredient Disclosure List.

Section 16 - Other Information

MSDB Creation Date: 1/15/1999
Revision #4 Date: 8/23/2003
The information above is believed to be accurate and represents the best information currently available to us. However, we make no warranty of merchantability or any other warranty, express or implied, with respect to such information, and we assume no liability for the accuracy or completeness of such information. Users should make their own investigations to determine the suitability of the information for their particular purposes. In no event shall the company be liable for any claims, losses, or damages of any third party or for lost profits or any special, indirect, incidental, consequential, or exemplary damages however arising, even if the company has been advised of the possibility of such damages.