



**AERCHEM INC.**  
**400 West 7th Street, Suite 112**  
**Bloomington, IN. 47404**

**Tel: 812.334.9996    Fax: 812.334.0916    Emergency: 800-424-9300**

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**Handling and Storage Information:**

Since Potassium Carbonate is very hygroscopic, the best possible storage conditions should be provided. Damp floors, leaking and moist storage conditions must be avoided. Moisture absorption will cause lumping of Potassium Carbonate and reduction in alkalinity. Use on First-in First-out basis.

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**Leak/Spill Information:**

Stop leaks, Contain spill. Remove as much as possible (e.g. shovel up or remove by vacuum truck, if liquid) place in closed labeled container, and store in a safe place to await proper disposal. Wash spill area with large amounts of water to remove final traces.

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**Disposal Information:**

Personnel should wear adequate protective clothing and equipment. Reuse spilled material, if possible, otherwise dispose in accordance with all federal, state and local health and pollution regulations. Dispose via a licensed chemical waste hauler.

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**Health Hazard Information:**

**A. Exposure/Health Effects**

**Inhalation:**

Moderate irritation to the upper respiratory tract tissues.

**Ingestion:**

May cause moderate irritation of the nasal, throat, respiratory passages and mouth, esophagus and upper digestive tract. Oral LD50 = 1.87 gm/kg (rat)

**Skin Contact:**

Not easily absorbed. Moderately irritating to the skin upon contact. Prolonged or repeated skin contact may lead to dermatitis.

**Eye contact:**

May cause moderate eye irritation upon contact.

**Effects of single exposure:**

Causes moderate irritation of eyes, skin and respiratory tract tissues, and upper digestive tract tissues upon contact.

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**Chronic Exposures:**

Prolonged or repeated skin contact can lead to moderate skin irritation.

**Aggravation of pre-existing conditions:** N/A

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**B. First Aid: OBJECT IS TO SEEK MEDICAL ATTENTION**

**Inhalation:**

Get person out of contaminated area to fresh air.

**Ingestion:**

If swallowed, DO NOT induce vomiting. If vomiting occurs spontaneously, keep airway clear. Seek medical attention.

**Skin Contact:**

Wash contaminated areas with plenty of soap and water. Remove contaminated clothing and footwear. Wash clothing before reuse and discard footwear, which can not be decontaminated. Seek medical attention.

**Eye Contact:**

Immediately flush with plenty of water for at least 15 minutes holding lids apart to ensure flushing of entire eye surface. Seek medical attention.

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**C. Toxicity Data**

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**Occupational Control Measures:**

**Airborne Exposure Limits:** N/A

**Ventilation Systems:** Adequate local exhaust or Mechanically induced general ventilation.

**Personal Respirators:** NIOSH approved respirator for dusts and mists.

**Skin Protection:** Hard hats, chemical resistant or rubber shoes and protective clothing should be worn when handling Potassium Carbonate.

**Eye Protection:** Chemical workers Dust-Proof Goggles, Chemical workers splash goggles, eyewash station and safety shower.