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

Tel: 812.334.9996 Fax: 812.334.0916 Em	ergency: 800-424-9300
Effective Date: 07-12-95 Product Name: Potassium Carbonate	
Cas No.: 584-08-7	
Hazardous Ingredients: None	
Physical Data:	
Melting point (range) Approx.: Boiling point: Decomposition temperature: pH (depends on quality): Solubility in water: Odor: Physical form: Vapor pressure: Tap density: Specific Gravity: Fire and Explosion Information: Flash point: (Auto) Ignition temperature: Extinguishing media to be recommended: to be avoided: Special fire and explosions precautions: apparatus should be worn by fire fighters in	891 □ C (1635 □ F) N/A N/A N/A 100% No distinct odor White-Granular, Free-Flowing Not Determined N/A 2.428 @ 19 □ C None N/A Water Fog, Dry Chemical, CO ₂ N/A Pressure-demand self-contained breathing buildings and confined areas where Potassium Carbonate is stored.
Reactivity Data: Stable X	Unstable
Hazardous Decomposition: None	
Hazardous Polymerization: Will not occur	
Incompatibilities: None	

AERCHEM INC.

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

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

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.

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.

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 liscensed chemical waste hauler.

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.

Chronic Exposures:

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

Aggravation of pre-existing conditions: N/A

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

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

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 vomitting 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.

Eve 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.

C. Toxicity Data

Occupational Control Measures:

Airborne Exposure Limits: N/A

Ventilation Systems: Adequate local exhaust or Mechnically 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.