

# MATERIAL SAFETY DATA SHEET

## General Information

Company's Name: The Chemistry Store.com Inc.  
Company's Address: 1133 Walter Price St Cayce, SC 29033  
Company's Emerg Ph #: 1-800-535-5053 (Infotrak)  
Company's Info Ph #: 1-800-224-1430  
Date MSDS Prepared: 2/1/07

**PRODUCT NAME: Potassium Carbonate**

## Ingredients/Identity Information

Ingredient: POTASSIUM CARBONATE; (POTASSIUM CARBONATE, ANHYDROUS) Percent: 99-100 NIOSH (RTECS) Number: TS7750000  
CAS Number: 584-08-7

## Physical/Chemical Characteristics

Appearance And Odor: WHITE GRANULES. ODORLESS. Boiling Point: N/A Melting Point: 1635F, 891C Vapor Pressure (MM Hg/70 F): N/A Vapor Density (Air=1): N/A Specific Gravity: 2.29 (H<sub>2</sub>O=1) Evaporation Rate And Ref: NOT APPLICABLE Solubility In Water: APPRECIABLE (>10%)  
Percent Volatiles By Volume: 0

## Fire and Explosion Hazard Data

Flash Point: N/A Flash Point Method: CC Lower Explosive Limit: N/A Upper Explosive Limit: N/A Extinguishing Media: USE EXTINGUISHING MEDIA APPROPRIATE FOR SURROUNDING FIRE. Special Fire Fighting Proc: USE NIOSH APPROVED SCBA & FULL PROTECTIVE EQUIPMENT (FP N). Unusual Fire And Expl Hazrds: NOTE: DECOMPOSES AT BOILING POINT.

## Reactivity Data

Stability: YES Cond To Avoid (Stability): MOISTURE, DUSTING, HEAT. Materials To Avoid: WATER, STRONG ACIDS. Hazardous Decomp Products: CARBON MONOXIDE, CARBON DIOXIDE. Hazardous Poly Occur: NO

## Health Hazard Data

LD50-LC50 Mixture: LD50:(ORAL,RAT) 1870 MG/KG Route Of Entry - Inhalation: YES Route Of Entry - Skin: YES Route Of Entry - Ingestion: YES Health Haz Acute And Chronic: ACUTE: INHALATION: IRRITATION OF UPPER SEVERE IRRITATION OR BURNS. INGESTION: IRRITATION AND BURNS TO MOUTH AND STOMACH. TARGET ORGANS: EYES, SKIN, MUCOUS MEMBRANES. CHRONIC: NONE LISTED BY MANUFACTURER. Carcinogenicity - NTP: NO Carcinogenicity - IARC: NO Carcinogenicity - OSHA: NO Explanation Carcinogenicity: NOT RELEVANT. Signs/Symptoms Of Overexp: SEE HEALTH HAZARDS. Med Cond Aggravated By Exp: NONE IDENTIFIED. Emergency/First Aid Proc: INGEST: CALL PHYS. IF SWALLOWED, DO NOT INDUCE VOMIT. IF CONSCIOUS, GIVE LG AMTS OF WATER. FOLLOW W/DILUTED VINEGAR, FRUIT JUICE/WHITES OF EGGS BEATEN W/WATER. INHAL: REMOVE TO FRESH AIR. IF NOT BRTHG, GIVE ARTF RESP. IF BRTHG IS DFCLT, GIVE OXYG. PROMPT ACTION IS ESSTNL. SKIN: IMMED FLUSH W/PLENTY OF WATER FOR @ LST 15 MINS WHILE REMOVING CONTAMD CLTHG & SHOES. WASH CLTHG BEFORE RE-USE. (SUPDAT)

## Precautions for Safe Handling and Use

Steps If Matl Released/Spill: WEAR NIOSH APPRVD SCBA & FULL PROT CLTHG. WITH CLEAN SHOVEL, CAREFULLY PLACE MATERIAL INTO CLEAN, DRY CONTAINER AND COVER; REMOVE FROM AREA. FLUSH SPILL AREA WITH WATER. Neutralizing Agent: NONE SPECIFIED BY MANUFACTURER. Waste Disposal Method: DISPOSE IN ACCORDANCE WITH ALL APPLICABLE FEDERAL, STATE, AND LOCAL ENVIRONMENTAL REGULATIONS. Precautions-Handling/Storing: KEEP CONTAINER TIGHTLY CLOSED. SUITABLE FOR ANY GENERAL CHEMICAL STORAGE AREA. DO NOT STORE NEAR ACIDS. IRRITANT. AVOID CONT W/EYES, SKIN, CLOTHING. Other Precautions: AVOID BREATHING DUST. KEEP IN TIGHTLY CLSD CONTAINER. USE W/ADEQUATE VENTILATION. CAUSES SEVERE IRRITATION. MODERATELY DESTRUCTIVE TO TISSUE. HARMFUL IF SWALLOWED.

## Control Measures

Respiratory Protection: NONE REQUIRED WHERE ADEQUATE VENTILATION CONDITIONS EXIST. IF AIRBORNE CONCENTRATION IS HIGH, USE AN NIOSH APPRVD APPROP RESPIRATOR OR DUST MASK. Ventilation: USE ADEQUATE GENERAL OR LOCAL EXHAUST VENTILATION TO KEEP FUME OR DUST LEVELS AS LOW AS POSSIBLE. Protective Gloves: RUBBER GLOVES. Eye Protection: ANSI APPRVD CHEM WORKERS GOGGS (SUPDAT) Other Protective Equipment: ANSI APPRVD EYE WASH & DELUGE SHOWER (FP N). UNIFORM. Work Hygienic Practices: WASH THOROUGHLY AFTER HANDLING. Suppl. Safety & Health Data: FIRST AID PROC: EYE: IMMED FLUSH W/PLENTY OF WATER FOR @ LST 15 MINS. EYE PROT:& FULL LENGTH FACESHIELD