

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 (Infotrac)
Company's Info Ph #: 1-800-224-1430
Date MSDS Prepared: 2/1/07

PRODUCT NAME: Sodium Carbonate (Soda Ash)

Ingredients/Identity Information

Ingredient: SODIUM CARBONATE, ANHYDROUS Percent: 100 NIOSH (RTECS) Number: VZ4050000 CAS Number: 497-19-8

Physical/Chemical Characteristics

Appearance And Odor: WHITE GRANULAR, HYGROSCOPIC, ODORLESS SOLID (PH OF 1% AQUEOUS SOLUTION=11.3) Melting Point: 1564F, 851C Specific Gravity: 2.532 Decomposition Temperature: 752F, 400C Solubility In Water: 7G/100G H2O @ 32F pH: 11.3

Fire and Explosion Hazard Data

Flash Point: NONE Extinguishing Media: USE WATER SPRAY, DRY CHEMICALS OR CARBON DIOXIDE. Special Fire Fighting Proc: EVACUATE NONESSENTIAL PERSONNEL. FIREFIGHTERS SHOULD WEAR FULL-FACE SELF-CONTAINED BREATHING APPARATUS AND IMPERVIOUS PROTECTIVE CLOTHING. Unusual Fire And Expl Hazrds: NOT CONSIDERED A FIRE HAZARD. WHEN INVOLVED IN A FIRE, DOES NOT CONTRIBUTE ANY UNUSUAL HAZARDS. DECOMPOSES TO FORM CARBON DIOXIDE, A FIRE EXTINGUISHING AGENT

Reactivity Data

Stability: YES Cond To Avoid (Stability): MOISTURE Materials To Avoid: REACTS W/MINERAL ACIDS, REACTS VIOLENTLY W/ALUMINUM METAL & PHOSPHORUS PENTOXIDE, F2 AND LITHIUM. Hazardous Decomp Products: CARBON DIOXIDE. Conditions To Avoid (Poly):

NONE

Health Hazard Data

LD50-LC50 Mixture: ORAL (RAT): 4000 MG/KG Route Of Entry - Inhalation: YES Route Of Entry - Skin: YES Route Of Entry - Ingestion: YES Health Haz Acute And Chronic: SKIN: IRRITATION AND BURNS IN PRESENCE OF MOISTURE. INGESTION: LARGE QUANTITIES MAY PRODUCE CORROSION OF THE GASTROINTESTINAL TRACT. EYES: IRRITATION AND BURNS. Carcinogenicity - NTP: NO Carcinogenicity - IARC: NO Carcinogenicity - OSHA: NO Signs/Symptoms Of Overexp: IRRITATION, BURNS, VOMITING AND DIARRHEA. Med Cond Aggravated By Exp: SKIN. Emergency/First Aid Proc: INGEST: DRINK PLENTY OF WATER, DO NOT INDUCE VOMITING. IF VOMITING OCCURS, DRINK MORE WATER. DO NOT GIVE ANYTHING BY MOUTH TO UNCONSCIOUS PERSON. GET IMMEDIATE MEDICAL AID. SKIN: WIPE/BRUSH OFF AS MUCH AS POSSIBLE, WASH WITH WATER. EYE: IMMEDIATELY FLUSH WITH WATER FOR 15 MIN W/EYELIDS HELD APART. GET MEDICAL AID. INHALE: REMOVE TO FRESH AIR. GIVE CPR/OXYGEN IF NEEDED. GET MEDICAL AID

Precautions for Safe Handling and Use

Steps If Matl Released/Spill: WEAR DUST RESPIRATOR, PROTECTIVE CLOTHES AND GLOVES. COLLECT BY VACUUMING AND SAVE FOR DISPOSAL. FLUSH AREA WITH WATER. DO NOT CONTAMINATE WATERWAYS. Waste Disposal Method: DISPOSE AT AN APPROVED FACILITY IN ACCORDANCE WITH ANY APPLICABLE REGULATIONS UNDER THE RESOURCE CONSERVATION AND RECOVERY ACT. STATE AND LOCAL REGULATIONS MAY BE MORE STRINGENT THAN FEDERAL. Precautions-Handling/Storing: STORE IN A COOL, DRY AREA AWAY ACIDS.

Control Measures

Respiratory Protection: WHERE ADEQUATE VENTILATION IS NOT AVAILABLE, USE NIOSH APPROVED RESPIRATORS TO REDUCE EXPOSURE. WHERE EXPOSURE POTENTIAL UNDER THE USE CONDITIONS NECESSITATE A HIGHER LEVEL OF PROTECTION, USE A POSITIVE-PRESSURE, AIR-SUPPLIED RESPIRATOR. Ventilation: LOCAL Protective Gloves: CHEMICAL RESISTENT Eye Protection: SAFETY GLASSES, GOGGLES OR FACESHIELD. Other Protective Equipment: SUITABLE LONG-SLEEVED CLOTHING. EYE WASH. Work Hygienic Practices: KEEP FOOD AWAY. WASH HANDS AND FACE BEFORE EATING. NO EATING, DRINKING OR SMOKING IN EXPOSURE AREAS. Suppl. Safety & Health Data: HOT CONCENTRATED SOLUTIONS OF THIS MATERIAL ARE MILDLY CORROSIVE TO STEEL AND SEVERLY CORROSIVE TO ALUMINUM.