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 Metasilicate, pentahydrate

==========

Ingredients/Identity Information

==========

Ingredient: SODIUM METASILICATE,PENTAHYDRATE Percent: 100 NIOSH (RTECS) Number: VV9275000 CAS Number: 6834-92-0 ACGIH TLV: 10 MG/CUM T.DST

Physical/Chemical Characteristics

Appearance And Odor:White Powder. Solubility In Water: APPRECIABLE (>10%) Percent Volatiles By Volume: 0

Fire and Explosion Hazard Data

Extinguishing Media: NOT FLAMMABLE USE MEDIA APPROPRIATE FOR SURROUNDING FIRE (CO2, DRY CHEMICAL, ALCOHOL OR POLYMER FOAM, OR WATER SPRAY) Special Fire Fighting Proc: WEAR SELF-CONTAINED BREATHING APPARATUS AND PROTECTIVE CLOTHING TO PREVENT CONTACT WITH SKIN AND EYES. Unusual Fire And Expl Hazrds: NONE

Reactivity Data

Stability: YES Cond To Avoid (Stability): NOT LISTED BY MFG. Materials To Avoid: NOT LISTED BY MFG. Hazardous Decomp Products: SILICON OXIDE Hazardous Poly Occur: NO Conditions To Avoid (Poly): WILL NOT POLYMERIZE

Health Hazard Data

LD50-LC50 Mixture: 1153 MG/KG (ORAL-RAT) Route Of Entry - Inhalation: YES Route Of Entry - Skin: YES Route Of Entry - Ingestion: NO Health Haz Acute And Chronic: HARMFUL IF SWALLOWED, INHALED, OR ABSORBED THROUTH SKIN - CAUSES BURNS. MATERIAL IS EXTREMELY DESTRUCTIVE TO TISSUE OF THE MUCOUS MEMBRANES AND UPPER RESPIRATORY TRACT, EYES AND SKIN. INHALATION MAY BE FATAL DUE TO RESULTING SPASMS AND EDEMA. CAUSES ULCERATION OF THE GASTROINTESTINAL SYSTEM. Carcinogenicity - NTP: NO Carcinogenicity - IARC: NO Carcinogenicity - OSHA: NO Explanation Carcinogenicity: NO LISTED AS A KNOWN CARCINOGEN Signs/Symptoms Of Overexp: EYE/NOSE:DUST WILL IRRITATE; EYES/SKIN: CONTACT WILL CAUSE BURNS. EXPOSURE MAY CAUSE HEADACHE, WHEEZING, SHORTNESS OF BREATH, NAUSEA, AND VOMITING. Med Cond Aggravated By Exp: NONE LISTED BY MANUFACTURER, HOWEVER PERSONS WITH COMPROMISED PULMONARY SYSTEMS SHOULD BE EXTREMELY CAUTIOUS WHEN USING THIS SUBSTANCE. Emergency/First Aid Proc: EYES/SKIN:FLUSH W/WATER FOR 15 MIN. SEPARATE EYELIDS WITH FINGERS. REMOVE CONTAMINATED SHOES AND CLOTHNG GET MEDICAL ATTENTION. IF INHALED, REMOVE TO FRESH AIR AND CALL PHYSICIAN IF BREATHING BECOMES DIFFICULT. IF SWALLOWED, WASH OUT MOUTH WITH WATER PROVIDED PERSON IS CONSCIOUS. CALL A PHYSICIAN.

Precautions for Safe Handling and Use

Steps If Matl Released/Spill: SHOVEL/SWEEP UP LOSE MATERIAL & PLACE IN APPROPRIATE CONTAINER. BE SURE AND WEAR PROTECTIVE EQUIPMENT (RESPIRATOR, SAFETY GOGGLES, RUBBER BOOTS AND GLOVES. VENTILATE AREA AND WASH SPILL SITE AFTER PICK UP IS COMPLETE. Neutralizing Agent: NONE LISTED Waste Disposal Method: DISSOLVE OR MIX THE MATERIAL WITH A COMBUSTIBLE SOLVENT AND BURN IN A PERMITTED CHEMICAL INCINERATOR. FOLLOW ALL APPLICABLE FEDERAL, STATE, AND LOCAL REGULATIONS. Precautions-Handling/Storing: USE ONLY IN A CHEMICAL FUME HOOD WITH PROPER PROTECTIVE EQUIPMENT. Other Precautions: AVOID SKIN AND EYE CONTACT. AVOID INHALATION OF SOLID MATERIAL.

Control Measures

Respiratory Protection: NIOSH/OSHA APPROVED RESPIRATOR. WORK SO AS TO MINIMIZE DUST GENERATION. Ventilation: LOCAL EXHAUST Protective Gloves: RUBBER/PLASTIC Eye Protection: GOGGLES Other Protective Equipment: AS REQUIRED FOR JOB UNDER CONSIDERATION Work Hygienic Practices: WASH EXPOSED SKIN AND EYE SURFACES THOROUGHLY AFTER EXPOSURE