

# 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: Ferric Sulfate**

## Ingredients/Identity Information

Ingredient: FERRIC SULFATE Percent: 100 % NIOSH (RTECS) Number: NO8505000 CAS Number: 10028-22-5 OSHA PEL: 1 MG (FE)/M3 AC-GIH TLV: 1 MG (FE)/M3

## Physical/Chemical Characteristics

Appearance And Odor: GRAY SOLID CRYSTAL, NO ODOR Boiling Point: NOT GIVEN Melting Point: DECOMPOSES Vapor Pressure (MM Hg/70 F): NEGLIGIBLE Vapor Density (Air=1): NEGLIGIBLE Specific Gravity: 3.1 Decomposition Temperature: 896F, 480C Evaporation Rate And Ref: NEGLIGIBLE Solubility In Water: APPRECIABLE Percent Volatiles By Volume: NIL

## Fire and Explosion Hazard Data

Flash Point: NONFLAMMABLE Lower Explosive Limit: NOT GIVEN Upper Explosive Limit: NOT GIVEN Extinguishing Media: USE APPROPRIATE AGENT FOR ADJACENT FIRE. Special Fire Fighting Proc: WEAR SELF-CONTAINED BREATHING APPARATUS AND PROTECTIVE CLOTHING. Unusual Fire And Expl Hazrds: FIRE OR EXCESSIVE HEAT MAY PRODUCE HAZARDOUS DECOMPOSITION PRODUCTS.

## Reactivity Data

Stability: YES Cond To Avoid (Stability): NONE SPECIFIED BY MANUFACTURER. Materials To Avoid: NONE WITH COMMON MATERIALS AND CONTAMINANTS WITH WHICH THE MATERIAL MAY REASONABLY COME INTO CONTACT. Hazardous Decomposition Products: SULFUR DIOXIDE Hazardous Poly Occur: NO

## Health Hazard Data

LD50-LC50 Mixture: ORAL LD50 (RAT): NOT GIVEN Route Of Entry - Inhalation: NO Route Of Entry - Skin: YES Route Of Entry - Ingestion: NO Health Haz Acute And Chronic: EXPECTED TO BE A LOW INHALATION HAZARD FOR RECOMMENDED HANDLING. MAY CAUSE TRANSIENT EYE IRRITATION. LOW SKIN CONTACT HAZARD FOR RECOMMENDED HANDLING. EXPECTED TO BE A LOW INGESTION HAZARD. Carcinogenicity - NTP: NO Carcinogenicity - IARC: NO Carcinogenicity - OSHA: NO Explanation Carcinogenicity: THIS COMPOUND CONTAINS NO INGREDIENTS AT CONCENTRATIONS OF 0.1% OR GREATER THAT ARE CARCINOGENS OR SUSPECT CARCINOGENS. Signs/Symptoms Of Overexp: EYE IRRITATION. Med Cond Aggravated By Exp: NONE SPECIFIED BY MANUFACTURER. Emergency/First Aid Proc: INHALATION: IF SYMPTOMATIC, MOVE TO FRESH AIR. GET MEDICAL ATTENTION IF SYMPTOMS PERSIST. EYES: WASH OUT IMMEDIATELY WITH WATER. GET MEDICAL ATTENTION IF SYMPTOMS OCCUR. SKIN: WASH WITH SOAP AND WATER. GET MEDICAL ATTENTION IF SYMPTOMS OCCUR. INGESTION: DRINK 1-2 GLASSES OF WATER. SEEK MEDICAL ATTENTION. NEVER GIVE ANYTHING BY MOUTH TO AN UNCONSCIOUS PERSON.

## Precautions for Safe Handling and Use

Steps If Matl Released/Spill: FLUSH TO SEWER IF ALLOWABLE WITH LARGE AMOUNTS OF WATER. OTHERWISE, ABSORB SPILL WITH VERMICULITE OR OTHER INERT MATERIAL, THEN PLACE IN A CONTAINER FOR CHEMICAL WASTE. CLEAN SURFACE TO REMOVE RESIDUAL CONTAMINATION. Neutralizing Agent: NONE SPECIFIED BY MANUFACTURER. Waste Disposal Method: DISCHARGE, TREATMENT OR DISPOSAL MAY BE SUBJECT TO NATIONAL, STATE OR LOCAL LAWS. DISPOSE OF IN ACCORDANCE WITH ALL APPLICABLE FEDERAL, STATE AND LOCAL REGULATIONS. Precautions-Handling/Storing: USE WITH ADEQUATE VENTILATION. WASH THOROUGHLY AFTER HANDLING. KEEP CONTAINER TIGHTLY CLOSED. Other Precautions: KEEP AWAY FROM INCOMPATIBLE MATERIALS.

## Control Measures

Respiratory Protection: NONE SHOULD BE NEEDED. Ventilation: GOOD GENERAL VENTILATION, TYPICALLY 10 AIR CHANGES PER HOUR, SHOULD BE USED. RATES SHOULD MATCH CONDITIONS. Protective Gloves: IMPERVIOUS Eye Protection: SAFETY GLASSES W/SIDE SHIELDS OR GOGGLES Other Protective Equipment: CHEMICAL RESISTANT CLOTHING AS NECESSARY TO PREVENT SKIN CONTACT. AN EMERGENCY EYEWASH AND SHOWER SHOULD BE AVAILABLE. Work Hygienic Practices: WASH HANDS THOROUGHLY WITH SOAP AND WATER BEFORE EATING, DRINKING, SMOKING OR USING TOILET FACILITIES. Suppl. Safety & Health Data: REMOVE AND WASH CONTAMINATED CLOTHING BEFORE REUSE.